SAECCE
SAE-CHINA CONGRESS & EXHIBITION

2015 中国汽车工程学会年会暨展览会
SAE-China Congress & Exhibition

初步日程
Preliminary Progarm

2015年10月27-29日 上海汽车会展中心
October 27-29, 2015 Shanghai Automobile Exhibition Center

注册参会 Registration www.saecce.com

21 Years of Brand Guarantee | 400+ Technical Reports | 1800+ Conference Attendees | 10000+ Technical Exhibition | 10000+ Target Visitors

主办单位 Organizer 中国汽车工程学会 Society of Automotive Engineers of China

特别合作伙伴 Special Partner 中国汽车人才研究会 China Auto Talents Society

安亭·上海国际汽车城 Anting · Shanghai International Automobile City 人·车·城市的完美融合

展览协办单位 Exhibition Co-organizer NÜRNBERG MESSE

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当前以德国“工业 4.0”为代表的全球制造业升级趋势日益明显，中国也提出了“中国制造 2025”，明确了建设制造强国的战略规划。基于“互联网 +”的新条件和新需求，汽车技术领域的若干问题都亟待全新思考和充分研讨。

互联网和通信技术对汽车带来的最显著的特点就是智能化和互联化。智能网联新技术对汽车安全标准、汽车架构、信息安全、试验验证方式、基础设施、法律法规等提出新的要求。

2015 中国汽车工程学会年会暨展览会（2015SAECCE）将于 2015 年 10 月 27–29 日在上海举办。本届年会将主要聚焦汽车产业转型升级、汽车智能化和网联化、汽车节能环保等热点问题，邀请院士、汽车及零部件企业高层、行业技术领军人物、专家，通过技术报告、圆桌访谈、专题研讨等形式展开研讨。并将专门设置“院士论坛”、“智能网联汽车技术”等专题板块。同时，依托“智能网联汽车产业技术创新战略联盟”的行业和专家资源，学会首度在 2015 SAECCE 平台上推出“中国国际智能网联汽车年会”（2015 CICV），打造专注于智能网联汽车技术与产业化交流的国际化平台。预计参会代表超过 1800 人。

本届年会技术展览，面积将达 10000 平米，将免费对参会代表及专业人士开放。这是专为国内外整车、零部件及制造设备企业开辟的一个独立舞台，专注于展示全球前沿的节能环保汽车、发动机、变速器、动力总成、汽车生产与制造装备、汽车电子、车身、测试技术等全产业链技术成果。预计展会专业观众将达到万人。

中国汽车工程学会年会已成功举办 21 届，秉承“学会搭台行业唱戏”的理念，坚持会议交流和技术展览同时同地同主题紧密结合的模式，邀请产、学、研等多方专家和单位共同组织，已经成为是国内最重要、最受认可的汽车技术综合学术交流平台。

期待十月与您 2015 SAECCE 上相见。

Nowadays the trend of manufacturing upgrading, represented by Industry 4.0, is becoming increasingly apparent worldwide. China also released its “Made in China 2025” Plan as a response, which states clearly the strategic planning of constructing a powerful manufacturing country. With the new demand of “Internet +”, some problems in the field of automotive technology need to be reconsidered and fully discussed, so as to seize the opportunity and promote development in a most efficient way.

One of the most obvious features brought by IT and communication technology is intelligentization and interconnection. The new intelligent and connected technology puts forward new requirements on vehicle safety standards, car structure, information safety, testing and validity, infrastructure, laws and regulations.

2015 SAE-China Congress and Exhibition (2015 SAECCE) will be held on Oct. 27-29 in Shanghai, focusing on hot topics such as automotive transformation and upgrading, intelligent and connected vehicles, energy-saving and environmental protection. Academicians, high-level executives from OEMs and components, technical leaders and senior experts will be invited to discuss in depth in ways of technical presentations, round-tables and panels. Special sessions are also organized under the themes of “CAE Academician Forums”, “Intelligent and Connected Vehicle Technology” and more. For the first time, SAE-China is organizing the “2015 China International Congress on Intelligent & Connected Vehicles (2015 CICV)” concurrently on the platform of 2015 SAECCE, focusing on communications on intelligent and connected vehicle technology and industry. Over 1,800 delegates are expected to attend the 2015 SAECCE.

The concurrent technical exhibition, which will be open freely to Congress delegates and professional visitors, covers an area of 10,000m^2. This is an independent arena exclusively for OEMs, components suppliers and manufacturing equipment makers home and abroad. Numerous technical achievements of the whole industry chain will be displayed on site, including advanced technologies in energy-saving and environmental-friendly vehicles, engines, transmissions, powertrains, production & manufacturing equipment, automotive electronics, car body, testing and measuring technologies. Approximately 10,000 visitors are estimated to enjoy the show on site.

SAE-China Congress has been held successfully for 21 times. With the concept of “all of the auto industry gets full involved on the platform established by SAE-China”, it continues the mode of organizing the Congress and Exhibition concurrently under the same theme, and embraces a deep involvement of experts and entities from companies, universities and research institutes, so as to make the biggest, the most advanced and the most professional platform in China for technical exchanges, exhibition and collaboration.

Looking forward to meeting you at the 2015 SAECCE!

组织机构 Organizing Committee

主办单位 Organizer

中国汽车工程学会
Society of Automotive Engineers of China

特别合作伙伴 Special Partners

中国汽车人才研究会
China Auto Talents Society

安亭·上海国际汽车城
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展览协办单位 Exhibition Co-organizer

NÜRNBERG MESSE

分会场协办单位 Congress Session Co-organizers

日本汽车工程学会	Society of Automotive Engineers of Japan Inc.
韩国汽车工程学会	The Korean Society of Automotive Engineers
北美华人汽车工程师协会	North America Chinese Society of Automotive Engineers
国际钢铁协会	World Steel Association
同济大学	Tongji University
上海交通大学	Shanghai Jiaotong University
清华大学	Tsinghua University
吉林大学	Jilin University
上海卡达克汽车技术中心	Shanghai CATARC Automotive Research Center
中国汽车工程学会电动汽车技术分会	Electric Vehicles Committee of SAE-China
中国汽车工程学会汽车制造技术分会	Manufacturing Committee of SAE-China
中国汽车工程学会振动与噪声技术分会	Vibration & Noise Committee of SAE-China
中国汽车工程学会汽车悬架技术分会	Suspension Technology Committee of SAE-China
中国汽车工程学会汽车电子技术分会	Electronic Technology Committee of SAE-China
中国汽车工程学会汽车环境保护技术分会	Environmental Protection Technology Committee of SAE-China
中国汽车工程学会汽车测试技术分会	Testing Technology Committee of SAE-China
中国汽车工程学会汽车产品技术分会	Vehicle Product Technology Committee of SAE-China
中国汽车工程学会汽车车身技术分会	Car Body Technology Committee of SAE-China
中国汽车工程学会汽车转向技术分会	Steering Technology Committee of SAE-China
中国汽车工程学会现代化生产管理分会	Modern Management Committee of SAE-China
中国汽车工程学会智能交通分会	Intelligent Traffic Committee of SAE-China
中国汽车工程学会技术与管理分会	Technology & Management Committee of SAE-China
中国汽车工程学会越野车技术分会	SUV Technology Committee of SAE-China
中国汽车工程学会安全技术分会	Safety Technology Committee of SAE-China
汽车轻量化技术创新战略联盟	China Auto Lightweight Technology Innovation Strategic Alliance
电动汽车产业技术创新战略联盟	China Industry Technology Innovation Strategic Alliance for Electric Vehicle
智能网联汽车产业技术创新战略联盟	China Industry Technology Innovation Strategic Alliance for the Intelligent and Connected Vehicles
中国汽车零部件技术创新推进组织	China Auto Parts Technological Innovation Organization (G20)

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研发埠 yanfabu.com
AUTOCHINA365.com
中国电动汽车网 CNEV

参会注册 Registration

单位：RMB 元

代表类型	9 月 19 日前交费	10 月 19 日前交费	现场交费
普通代表	2,500	3,000	3,500
会员代表	1,500	1,800	2,100
论文作者、评审专家	1,400	1,680	1,960
学生（仅限本科、硕士，不含博士）	800	1,000	1,200
仅参加一天会议	1,600	2,000	2,400
技术参观	50		不接受现场报名
参观技术展览	免费		

说明：

1. 所有参会代表均需登录会议官网报名注册网址 www.saecce.com。

2. 会议费包括会议期间资料、工作午餐。会议期间的晚餐、住宿等需自理。

3. 关于发票：
- 由于地方税务规定，不允许异地开具发票，故现场缴费无法当即开具发票，为避免现场排队影响参会，建议代表选择会前银行转账、在线支付。
- 若参会代表仅能现场缴费，请登录注册网站下载“电子收据”和“填写说明”，按照说明填写、打印并携带至缴费现场。发票将会在会后邮寄给参会代表。
- 发票内容：会议费。发票类型：增值税普通发票或增值税专用发票。
- 开发票前，组委会将通过电子邮件或电话的形式与注册代表确认细节。

4. 普通代表如需申请个人会员，请登录以下网站进行申请 http://www.sae-china.org/gerenhuiyuan.aspx 申请。个人会员费为 60 元 / 年。会员问题，请联系孙莹先生：010-50950016，sunying@sae-china.org。

5. 学生优惠仅限全日制本科和硕士研究生，不含博士研究生，在线注册需提交学生证照片。如现场注册，请出示学生证。

6. 技术参观费用为 50 元 / 人，另外单独收取。数量有限，费用支付成功方视为报名成功。

7. 为提升交流效果，每篇录取论文须至少有一位作者在 9 月 19 日前完成注册参会，逾期未有任何作者注册交费的论文将被取消发表。

8. 银行账户信息：
国内支付（仅限人民币）
开户银行：中国工商银行，北京礼士路支行
开户名称：中国汽车工程学会
银行帐号：0200 0036 0908 9072 309
注明用途：2015 年会 + 参会人姓名（或注册号）

国外支付（仅限外币）
帐户名称：中国汽车工程学会
开户银行：中国银行总行营业部
账　号：778350040984
Swift: BKCH CN BJ
地　址：北京市西城区复兴门内大街 1 号（100818）
注明用途：2015 年会 + 参会人姓名（或注册号）

9. 退款原则：如需取消参会，须将取消申请以电子邮件的形式发送到 congress@sae-china.org；9 月 27 日（含）前申请取消，则可全额退款。9 月 28 日（含）后取消，组委会在扣除 10% 的管理费用后，退还其余 90% 的会议费。若指定他人替代本人参会，则不产生任何取消费用。退款如产生银行手续费，需由代表自行承担。

10. 会议现场领取胸卡和资料时，请携带系统发送的手机短信电子门票（注册号、条形码或二维码）。

会议报到安排：

注册时间及地点（任选一个时间，只需注册一次）：
- 10 月 26 日 14:00-20:00
- 10 月 27 日 08:00-09:00

注册地点：上海汽车会展中心一层门口
* 组委会将于以上时间在 11 号线地铁上海汽车城站 2 号出口处安排短驳巴士，至上海汽车会展中心。

会议报名联系人：

贾倩倩 女士 / 周伯阳 先生
电话 :+86-(0)10-5095 0040/41
邮箱：jqq@sae-china.org; zby@sae-china.org
注册网址：www.saecce.com

(Unit: RMB)

Attendee	Pay Before Sept.19	Pay Before Oct.19	Pay on site
Delegate (Non SAE-China Member)	2,500	3,000	3,500
Delegate (SAE-China Member)	1,500	1,800	2,100
Author/Paper Reviewer	1,400	1,680	1,960
Student (Current full-time Postgraduates & Undergraduates)	800	1,000	1,200
One Day	1,600	2,000	2,400
Technical Visit	50		–
To Visit the Exhibition	Free		

Notes:

1. All delegates should register online at www.saecce.com.
2. The registration fee includes the cost of conference materials and lunches.
3. In order to avoid payment queues on site, please try to pay online or by bank transfer in advance
4. To apply for SAE-China membership, please visit the online registration system at http://www.sae-china.org/gerenhuiyuan.aspx. Should you have any questions, please contact Mr. Sun Ying (+86-(0)10-50950016, sunying@sae-china.org).
5. Student's discount only suits for current full-time postgraduates and undergraduates. Students should take along the student ID card when come to register on site.
6. An additional fee of CNY 50/person will be charged for a technical visit. Each technical visit has a restricted number of visitors, please pay early.
7. For each accepted paper, at least one author should register and complete the payment before September 19, 2015.
8. Bank Information:
   Bank: Beijing Branch, Industry and Commerce Bank of ChinaBeneficiary: Society of Automotive Engineers of China (Payment in CNY only)
   Account No: 0200003609089072309
   Remark: SAECCE+ Delegate's Name

   Bank: Bank of China Head Office (Payment in other Currencies)
   Address:
   No.1 Fuxingmen Nei Venue, Xicheng District, Beijing, 100818, China
   Beneficiary: Society of Automotive Engineers of China
   Account No: 778350040984
   Swift: BKCH CN BJ
   Remark: SAECCE+ Delegate's Name
9. Cancellation Policy: A formal request of registration cancellation must be written and sent to congress@sae-china.org. If the cancellation is made before September 27th, the applicant can enjoy a full refund. If the cancellation is made after September 27th, an administration fee of 10% will be charged by the Organizing Committee, and the applicant should bear any bank charges if generated. No extra fees will be charged if the delegate appoints a substitute to attend the conferences.
10. Please show your mobile electronic ticket when come to fetch badges and conference materials on site.

Arrangement for Onsite Registration:
(to fetch badges and conference materials)

- October 26 14:00-20:00
- October 27 08:00-19:00

Registration Venue: Entrance, 1F, Shanghai Automobile Exhibition Center (SAEC)
*Shuttle Buses will be provided near the No.2 Exit of Shanghai Automobile City Station of Metro Line 11 at the above time slots.

Any enquiries on registration, please contact:
Ms. Janet JIA / Mr. Boyang ZHOU
TEL: +86-(0)10-50950040/41
Email: jqq@sae-china.org; zby@sae-china.org
Registration Website: www.saecce.com

日程概览 Program Overview

	南展厅会议区 Conference Zone, SHE	A1 北展厅 NEH	A2 北展厅 NEH	A3 北展厅 NEH	A4 北展厅 NEH	A4 北展厅 NEH	A6 北展厅 NEH	A7 北展厅 NEH
	10 月 27 日							
09:00	**全体大会 / Plenary Session#** 开幕式 / Opening Ceremony 高层访谈 1：中国汽车业如何面对世界范围的制造业转型升级 High-level Panel Session I: How should China Respond to the Global Manufacturing Transformation and Upgrading							
12:00	午餐 Lunch							
13:30	**A1#** 2015 发动机技术研讨会 2015 China Engine Technology Summit	**A2** 发动机制造精度控制 Precision Control of Engine Manufacturing	**A3** 车辆动力学——底盘性能与试验测试 Vehicle Dynamics: Chassis Performance & Testing	**S01#** 预备：电动汽车中电池，电机和电控 Making battery, Emotor and control strategy ready for PHEV/EV	**S03#** 48 伏技术 48V Technology for China Market	**T03** 变速器技术 Transmission Technology	**S04** 汽车 EPS 电控转向技术 Automotive EPS Technology	**T04** 仿真与试验验证 Simulation and Experimental Validation
			15:30	15:30	15:30			
			15:50	15:50	15:50			
16:50	**2015 年度“中国心”十佳发动机颁奖典礼 *** **2015 Award Ceremony of Ten Best Engines of China ***		**T01** 车辆动力学 Vehicle Dynamics	**S02#** 发动机与变速器采用电气化方案的前景—12V、48V、96V、400V 还是 800V?	**T02** 电动汽车技术 Electric Vehicles Technology			
18:00	VIP 晚餐 / VIP Dinner							
	10 月 28 日							
09:00	**全体大会 Plenary Session#** 高层访谈 2：智能网联汽车：汽车的智能化与网联化发展 High-level Panel Session II: Intelligent and Connected Vehicles: the Development of Intelligent and Connected Technology	**S09** 冲压技术 Stamping Technology		**S10** 从汽车产品开发中的技术问题到科学研究 From R&D Technical Problems to Scientific Research		**T08** 内燃机技术 Internal Combustion Engines	**P1#** 汽车用高强度钢前沿技术与发展趋势 Advanced Technology and Development Trend of High Strength Steel for Vehicles	**T09** 振动噪声控制技术 NVH Technology
12:00	午餐 Lunch							
13:30		**T10** 机加工、测试与测量， Maching, Measurement and Detection	**T11** 悬架技术 Suspension Technology		**S11** 电动汽车安全技术 Electric Vehicles Safety Technology		**P2** 2015 年中国汽车工程学会越野车技术分会学术年会 ——SUV 轻量化技术及材料科技创新应用 2015 Annual Conference of SAE-China SUV Technology Committee: The Weight Reduction Technique and Application Of New Material	**S12** 汽车风噪声测试、预测与控制技术 Electric Vehicles Safety Technology
18:00								
	10 月 29 日							
09:00		**V09** 智能驾驶辅助系统 IDAS(intelligent Driving Assist System)	**V07** 智能网联汽车运行示范区建设 Demonstration Area of Intelligent and Connected Vehicles	**V08#** 零伤亡愿景—没有人应该在车祸中死亡 Vision Zero – Nobody Should be Killed by Vehicle				**S16** 轮胎与车轮 NVH 技术 Tire and Wheel NVH Technology
11:00								
11:30	**全体大会 Plenary Session#** 颁奖典礼及闭幕式 Award Ceremony & Closing Ceremony							
12:30	闭幕招待会 / Farewell Reception							
13:30	技术参观 Technical Visits *							

A8 北展厅 NEH	2 楼多功能大会议室东 Multifunctional Conference Room East, 2F, SAEC	2 楼 1 号会议室 Meeting Room 1, 2F, SAEC	2 楼多功能大会议室 Multifunctional Conference Room, 2F, SAEC	博物馆 4 楼 4F, Museum	博物馆 5 楼综合会议室 Auditorium, 5F, Museum	A9 北展厅 NEH	北展厅外北侧停车场 North Parking Lot Outside North Exhibition Hall	南展厅 South Exhibition Hall (SHE)	
Oct. 27									
									09:00
									12:00
									13:30
S05 “G20”推动零部件技术进步—目标与方向 G20 Promotes the Progress of Parts Technology: Goals and Directions	**S06** 从实践者视角看 ISO 26262 对电控软件部门的影响和现实意义 Real-world Impact and Value of ISO 26262 to Electronics and Software Groups – Practitioners' Point of View	**S07** 汽车产业与技术管理 Automotive Industry and Technology Management	**T06** 先进汽车车身设计技术 Advanced Car Body Design Technology	**V01** 先进驾驶辅助系统 ADAS Advanced Driving Assist System	**V02** 大数据下的思维与思路: 智能汽车与智慧出行 Thought under big date: Intelligent Vehicles and Intelligent Transportation	**S08** 新常态下的汽车产品回收利用技术及产业链的管理 The New Normal for Automotive Recycling Technology and Industrial Chain Management			
	15:30				15:30				
	15:50				15:50				
	T05 汽车电子技术 Automotive Electronic Technology				**T07** 智能交通与智能汽车 Internet of Vehicles and ITS				
									18:00
Oct. 28									
						日本商业峰会 – 汽车节能技术 #* Japan Business Summit: Vehicle Energy-saving Technology			09:00
P3 第十届中国道路交通事故研究研讨会 –AEB 技术在中国的应用基础 The 10th Symposium on Road Traffic Accident Research in China: The Application Research of AEB in China	**S13#** 车载网络技术 In-Vehicle Network Technology	**S14** 车内 VOC 测试方法及控制技术 Test Methods and Control Measures of Automobile VOCs	**S15** 青年工程师论坛—空气动力学与车身设计 Student & Young Engineers Forum: Aerodynamics & Vehicle Body Design	**V03** 网联技术连接车辆未来 The Future of Network-connected Vehicles	**V04#** 中日韩汽车论坛—智能网联汽车的发展与展望 CJK Forum: The Development and Prospect of Intelligent and Connected Vehicles		试乘试驾 * Test Drive	技术展览 * Technical Exhibition	
				15:30	15:30				12:30
				15:50	15:50				13:30
				V05 车联网基础共性平台建设 Generic Fundament Platform of Intelligent and Connected Vehicles	**V06#** 美国车联网技术与产业发展的启示 Inspiration of American Intelligent and Connected Vehicles and Industry Development				
									18:00
Oct. 29									
T12 安全技术 Safety Technology		**T13** 环保与排放控制技术 Environmental Protection and Emission Control Technology				采购配对会 * Match-Making			09:00
									11:00
									11:30
									12:30
									13:30

（1）年会会议初步日程概览

时间		活动内容	地点
10 月 26 日	14:00–20:00	注册报到	上海汽车会展中心一层门口
	13:00–17:00	中国汽车工程学会理事会	地点待定
	15:30–18:30	中国汽车技术首脑闭门峰会	地点待定
10 月 27 日	**全体大会**		
	09:00–09:30	开幕式致辞 #	汽车会展中心 南展厅全体大会区
	09:30–12:00	高层访谈 1：中国汽车业如何面对世界范围的制造业转型升级 #	
	12:00–13:30	午餐	
	院士论坛 + 技术分会 + 专题分会 + 并行会议		
	13:30–17:50	A1：2015 发动机技术研讨会 #	南展厅全体大会区
		A2：发动机制造精度控制	北展厅 A1 会议室
		A3：车辆动力学——底盘性能与试验测试	北展厅 A2 会议室
		S01：预备：电动汽车中电池，电机和电控 #	北展厅 A3–AVL 会议中心
		S02：发动机与变速器采用电气化方案的前景—12V、48V、96V、400V 还是 800V? #	北展厅 A3–AVL 会议中心
		S03：48 伏技术 #	北展厅 A4
		S04：汽车 EPS 电控转向技术	北展厅 A6 会议室
		S05：“G20”推动零部件技术进步—目标与方向	北展厅 A8 会议室
		S06：从实践者视角看 ISO 26262 对电控软件部门的影响和现实意义	2 楼多功能大会议室东
		S07：汽车产业与技术管理	2 楼 1 号会议室
		S08：新常态下的汽车产品回收利用技术及产业链的管理	南展厅 A9 会议室
		V01：先进驾驶辅助系统 ADAS	博物馆 4 楼
		V02：大数据下的思维与思路：智能汽车与智慧出行	博物馆 5 楼综合会议室
		T01：车辆动力学	北展厅 A2 会议室
		T02：电动汽车技术	北展厅 A4 会议室
		T03：变速器技术	北展厅 A5 会议室
		T04：仿真与试验验证	北展厅 A7 会议室
		T05：汽车电子技术	2 楼多功能大会议室东
		T06：先进汽车车身设计技术	2 楼多功能大会议室
		T07：智能交通与智能汽车	博物馆 5 楼综合会议室
	18:30–20:00	VIP 晚餐	地点待定

	时间	活动内容	地点
10 月 28 日	**全体大会 + 技术分会 + 专题分会 + 并行会议**		
	09:00–12:00	**2015 中国国际智能网联汽车年会开幕式** # 高层访谈 2：智能网联汽车：汽车的智能化与网联化发展 #	南展厅全体大会区
		S09：冲压技术	北展厅 A1 会议室
		S10：从汽车产品开发中的技术问题到科学研究	北展厅 A3–AVL 会议中心
		T08：内燃机技术	北展厅 A5 会议室
		T09：振动噪声控制技术	北展厅 A7 会议室
		P1：汽车用高强度钢前沿技术与发展趋势 #	北展厅 A6 会议室
		P4④：2015 第二届全球华人汽车精英联合年会暨“中国拥抱世界”汽车产业创新论坛	颖奕皇冠假日酒店
	12:00–13:30	午餐	
	技术分会 + 专题分会 + 并行会议		
	13:30–17:50	S11：电动汽车安全技术	北展厅 A4 会议室
		S12：汽车风噪声测试、预测与控制技术	北展厅 A7 会议室
		S13：车载网络技术 #	2 楼多功能厅大会议室东
		S14：车内 VOC 测试方法及控制技术	2 楼 1 号会议室
		S15：青年工程师论坛—空气动力学与车身设计	2 楼多功能厅大会议室
		V03：网联技术连接车辆未来	博物馆 4 楼
		V04：中日韩汽车论坛—智能网联汽车的发展与展望 #	博物馆 5 楼综合会议室
		V05：车联网基础共性平台建设	博物馆 4 楼
		V06：美国车联网技术与产业发展的启示 #	博物馆 5 楼综合会议室
		T08：内燃机技术	北展厅 A5 会议室
		T10：机加工、测试与测量	北展厅 A1 会议室
		T11：悬架技术	北展厅 A2 会议室
		P2：2015 年中国汽车工程学会越野车技术分会学术年会—SUV 轻量化技术及材料科技创新应用	北展厅 A6 会议室
		P3：第十届中国道路交通事故研究研讨会—AEB 技术在中国的应用基础	北展厅 A8 会议室
		P4④：2015 第二届全球华人汽车精英联合年会暨“中国拥抱世界”汽车产业创新论坛	颖奕皇冠假日酒店

时间		活动内容	地点
10 月 29 日	**技术分会 + 专题分会**		
	09:00–11:00	S16：轮胎与车轮 NVH 技术	北展厅 A7 会议室
		V07：智能网联汽车运行示范区建设	北展厅 A2 会议室
		V08：零伤亡愿景—没有人应该在车祸中死亡 #	北展厅 A3 会议室
		V09：智能驾驶辅助系统 IDAS	北展厅 A1 会议室
		T12：安全技术	北展厅 A8 会议室
		T13：环保与排放控制技术	2 楼 1 号会议室
	11:00–11:30	茶歇 & 参观展览	
	中国汽车工业科学技术奖颁奖典礼及闭幕式 #		
	11:30–12:30	中国汽车工业科学技术奖颁奖 2015 SAECCE 总结 年会学术观点发布 优秀论文颁奖	南展厅全体大会区
	12:30–13:30	闭幕招待会	

（2）年会技术展览及同期其他活动

10 月 27日–29 日	09:00–17:30	2015 中国汽车工程学会年会技术展览 *	南展厅
10 月 27 日	14:30–17:00	iTAC 中国汽车技术战略国际咨询委员会闭门会议 #*	颖奕皇冠假日酒店
	16:50–17:40	2015 “中国心”十佳发动机颁奖典礼 *	南展厅全体大会区
10 月 28 日	09:00–17:00	日本商业峰会 – 汽车节能技术 #*	南展厅 A9 会议室
10 月 29 日	09:00–15:00	采购配对会 *	南展厅 A9 会议区
	11:30–12:00	中国汽车工业科学技术奖颁奖 #*	南展厅全体大会区

（3）试乘试驾

10 月 27日–29 日	09:30–11:30 12:30–16:30	试乘试驾 * 智能网联汽车试点示范项目 *	北展厅外北侧停车场 及上海汽车城公园

（4）技术参观

10 月 29 日	14:00–17:00	路线 1：上海机动车检测中心 路线 2：上海卡耐新能源有限公司 路线 3：同济大学汽车学院 路线 4：上海大众汽车有限公司

1. # 号为提供同传服务的会场，* 号表示免费的活动。
2. 初步日程可能还会有局部调整，详细会议日程及信息更新，请访问会议官网 www.saecce.com。
3. 申请技术参观需另付 50 元 / 人，仅限年会注册代表参与。名额有限，先到先得，以交费时间为准。
4. P4：2015 第二届全球华人汽车精英联合年会暨“中国拥抱世界”汽车产业创新论坛，需要另外注册交费。具体可联系中国汽车人才研究会李喆乐先生，13916268207，cats_hr@126.com 。

（1）Congress Preliminary Program Overview

Time		Events	Venue
Oct, 26	14:00-20:00	Registration	Entrance, 1F, Shanghai Automobile Exhibition Center (SAEC)
	13:00-17:00	SAE-China Council Meeting	TBD
	15:30-18:30	Closed-door Chinese Technical Leaders Summit	TBD
Oct. 27	Plenary Session		
	09:00-09:30	Opening Ceremony & Welcome Addresses #	Conference Zone, South Exhibition Hall (SEH)
	09:30-12:00	High-level Panel Session High-level Panel Session I: How should China Respond to the Global Manufacturing Transformation and Upgrading #	
	12:00-13:30	Lunch	
	Academician Forums + Technical Sessions+ Special Sessions + Parallel Meetings		
	13:30-17:50	A1: 2015 China Engine Technology Summit #	Conference Zone, SEH
		A2: Precision Control of Engine Manufacturing	A1, North Exhibition Hall (NEH)
		A3: Vehicle Dynamics: Chassis Performance & Testing	A2, NEH
		S01: Making Battery, E-motor and Control Strategy ready for PHEV/EV? #	AVL Theatre, A3, NEH
		S02: Engine and Transmission between the Poles 12-48-96-400-800 Volt? #	AVL Theatre, A3, NEH
		S03: 48V Technology for China market #	A4, NEH
		S04: Automotive EPS Technology	A6. NEH
		S05: G20 Promotes the Progress of Parts Technology: Goals and Directions	A8, NEH
		S06: Real-world Impact and Value of ISO 26262 to Electronics and Software Groups – Practitioners' Point of View	Function Hall East, 2F, SAEC
		S07: Automotive Industry and Technology Management	Meeting Room1, 2F, SAEC
		S08: The New Normal for Automotive Recycling Technology and Industrial Chain Management	A9, SEH
		V01: Advanced Driving Assist System	4F, Museum
		V02: Thought under big date: Intelligent Vehicles and Intelligent Transportation	Auditorium, 5F, Museum
		T01: Vehicle Dynamics	A2, NEH
		T02: Electric Vehicles Technology	A4, NEH
		T03: Transmission Technology	A5, NEH
		T04: Simulation and Experimental Validation	A7, NEH
		T05: Automotive Electronic Technology	Function Hall East, 2F, SAEC
		T06: Advanced Car Body Design Technology	Function Hall, 2F, SAEC
		T07: Internet of Vehicles and ITS	Auditorium, 5F, Museum
	18:30-20:00	VIP Dinner	TBD

日程概览 Program Overview

Time		Events	Venue
Oct. 28	Plenary Session + Technical Sessions+ Special Sessions + Parallel Meetings		
	09:00-12:00	**Opening Ceremony of 2015 China International Congress on Intelligent & Connected Vehicles (2015 CICV)** [#] High-level Panel Session II: Intelligent and Connected Vehicles: the Development of Intelligent and Connected Technology [#]	Conference Zone, SEH
		S09: Stamping Technology	A1, NEH
		S10: From R&D Technical Problems to Scientific Research	AVL Theater, A3, NEH
		T08: Internal Combustion Engines	A5, NEH
		T09: NVH Technology	A7, NEH
		P1: Advanced Technology and Development Trend of High Strength Steel for Vehicles [#]	A6, NEH
		P4④: 2015 Second Global Automotive Executive Council (GAEC) Annual Conference & Automotive	Crowne Plaza Shanghai Anting
	12:00-13:30	Lunch	
	Technical Sessions+ Special Sessions + Parallel Meetings		
	13:30-17:50	S11: Electric Vehicles Safety Technology	A4, NEH
		S12: Wind Noise Testing, Prediction and Controlling Technology	A7, NEH
		S13: In-Vehicle Network Technology [#]	Function Hall East, 2F, SAEC
		S14: Test Methods and Control Measures of Automobile VOCs	Meeting Room 1, 2F, SAEC
		S15: Student & Young Engineers Forum: Aerodynamics & Vehicle Body Design	Function Hall, 2F, SAEC
		V03: The Future of Network-connected Vehicles	4F, Museum
		V04: CJK Forum: The Development and Prospect of Intelligent and Connected Vehicles [#]	Auditorium, 5F, Museum
		V05: Generic Fundament Platform of Intelligent and Connected Vehicles	4F, Museum
		V06: Inspiration of American Intelligent and Connected Vehicles and Industry Development [#]	Auditorium, 5F, Museum
		T08: Internal Combustion Engines	A5, NEH
		T10: Machining, Testing and Measurement	A1, NEH
		T11: Suspension Technology	A2, NEH
		P2: 2015 Annual Conference of SAE-China SUV Technology Committee: The Weight Reduction Technique and Application Of New Material	A6, NEH
		P3: The 10th Symposium on Road Traffic Accident Research in China: The Application Research of AEB in China	A8, NEH
		P4④: 2015 Second Global Automotive Executive Council (GAEC) Annual Conference & Automotive	Crowne Plaza Shanghai Anting

Time		Events	Venue
Oct. 29	Technical Sessions + Special Sessions		
	09:00-11:00	S16: Tire and Wheel NVH Technology	A7, NEH
		V07: Demonstration Area of Intelligent and Connected Vehicles	A2, NEH
		V08: Vision Zero - Nobody Should be Killed by Vehicle #	A3, NEH
		V09: Intelligent Driving Assist System	A1, NEH
		T12: Safety Technology	A8, NEH
		T13: Environmental Protection and Emission Control Technology	Meeting Room 1, 2F, SAEC
	11:00-11:30	Coffee Break & Visit to Exhibition	
	Award Ceremony & Closing Ceremony #		
	11:30-12:30	China Automotive Industry Science and Technology Award 2015 SAECCE Review Viewpoints Release from Sessions of 2015 SAECCE 2015 Excellent Papers Award	Conference Zone, SEH
	12:30-13:30	Farewell Reception	

（2）Technical Exhibition & Other Concurrent Events

Oct.27-29	09:00-17:30	Technical Exhibition of 2015 SAECCE *	South Exhibition Hall (SEH)
Oct. 27	14:30-17:00	The 1st Closed-door Work Conference of International Technology Advisory Committee for China Automotive Industry (iTAC) #*	Crowne Plaza Shanghai Anting
	16:50-17:40	Award Ceremony of the Ten Best Engines *	Conference Zone, SEH
Oct. 28	09:00-17:00	Japan Business Summit: Vehicle Energy-saving Technology #*	A9, SEH
Oct. 29	09:00-15:00	Match-Making *	A9, SEH
	11:30-12:00	China Automotive Industry Science and Technology Award #*	Conference Zone, SEH

（3）Test Drive*

Oct.27-29	09:30-11:30 12:30-16:30	Test Drive * Intelligent and Connected Vehicle Demonstration Program *	North Parking Lot outside NEH & Shanghai International Automobile City Park

（4）Technical Visits

Oct. 29	14:00-17:00	Line 1: Shanghai Motor Vehicle Inspection Center Line 2: Shanghai CENAT New Energy Co., Ltd. Line 3: School of Automotive Studies, Tongji University Line 4: Shanghai Volkswagen Automotive Co., Ltd.

1. Sessions marked with a pound sign (#) will provide Chinese-English bilingual simultaneous interprestation while events marked with asterisk (*) are free of charge.
2. This Preliminary Program is subject to change as information is updated all the time before the Congress opens. For the latest updates, please visit our official website of www.saecce.com.
3. Only registered Congress delegates are entitled to participate in technical visits with a charge of ￥50 each. For the seats are limited, first come first served.
4. To attend the event of P4: 2015 Second Global Automotive Executive Council (GAEC) Annual Conference & Automotive, delegates are required to register and pay separately. Please contact Mr. Li Zhele of China Auto Talents Society for more details at 86-1391 626 8207 or email to cats_hr@126.com.

高层访谈 1——中国汽车业如何面对世界范围的制造业转型升级
High-level Panel Session I: How should the Chinese Auto Industry Respond to the Global Manufacturing Transformation and Upgrading?

时间及地点 / Date & Venue： 2015 年 10 月 27 日 09:30-12:00，南展厅全体大会区
09:30-12:00 Oct. 27, Conference Zone, South Exhibition Hall

简介 / Introduction：

以互联网、通信、新能源、材料等技术带来的技术革命，正在对各个产业特别是传统制造业的生产、消费、组织、管理等方式产生深刻的影响，汽车产业也发生着颠覆性的转变。汽车和交通将被重新定义，产业链分工将重组、创新价值过程将改变、消费方式将多样化。

为积极应对新科技产业革命，形成未来竞争优势，美国、德国等发达国家纷纷发布国家战略重振制造业。中国政府也提出积极实施“中国制造 2025”，在汽车领域围绕节能汽车、新能源汽车、智能网联汽车展开重要部署。汽车企业如何面对世界范围内的制造业转型升级？中国汽车企业如何在激烈竞争以及产业基础薄弱背景下脱颖而出？

The technical revolution, represented by internet technology, communication technology , new energy and material technologies, is profoundly changing every industry especially the traditional manufacturing industry in terms of the modes of production, consumption, organization and management. The automobile industry is also changing drastically. Vehicles and transportation will be redefined, industrial chain will be reorganized, innovation value process will be changed, and consumption pattern will be diversified.

To respond to the new technology revolution actively and foster future competitive edges, developed countries such as the US and Germany have all issued national strategies----to revitalize the manufacturing industry. How do automobile enterprises respond to the transformation and upgrading of manufacturing industry worldwide? How do Chinese automobile enterprises outstand themselves from the fierce competition with weaker industrial background?

议题 / Topics：

- 汽车企业将从哪些技术领域进行转型升级？处于不同产业链上的企业分别应该做哪些准备和战略部署？以什么技术为突破口？
- 未来跨产业发展成为必然。未来有哪些可行的技术创新合作模式？新技术如何缓解企业面临的油耗和排放压力？

- From which technical fields will the auto companies begin their transformation and upgrading? What preparations and strategic deployments should be made for companies of different industrial chains? Where is the breach?
- Cross-industry development will be an inevitable trend. What are the feasible modes for technical innovation collaboration? How can the new technologies ease pressures enforced by fuel consumption and emission?

主持嘉宾 / Moderator:
赵福全 教授 / Prof. Zhao Fuquan
清华大学汽车产业与技术战略研究院院长
President, Tsinghua Automotive Strategy Research Institute (TASRI)

邀请嘉宾 / Speakers:

工信部相关领导（待定）
A senior official from Ministry of Industry and Information Technology (TBD)

程惊雷 先生 / Mr. Cheng Jinglei
上海汽车集团股份有限公司总工程师
Chief Engineer, SAIC Motor Co., Ltd.

刘波 先生 / Mr. Liu Bo
长安汽车副总裁兼汽车工程研究总院院长
Vice President of Changan Automobile Group, President of Changan Global Research and Development Center

北京汽车集团有限公司领导（待定）
Leader of BAIC Group (TBD)

09:30-09:50 主旨报告：《中国制造 2025》规划解读 / Keynote Speech: An Interpretation of “Made in China 2025” Plan
09:50-12:00 圆桌访谈（形式：技术演讲 15-20 分钟 + 互动讨论）/Round Table (technical speeches + panel discussion)

高层访谈 2——智能网联汽车：汽车的智能化与网联化发展
High-level Panel Session II: Intelligent and Connected Vehicles: the Development of Intelligent and Connected Technology

时间及地点 / Date & Venue： 2015 年 10 月 28 日 09:00-12:00，南展厅全体大会区
09:00-12:00 Oct. 28, Conference Zone, South Exhibition Hall

简介 / Introduction：

国际广泛认可，智能化和网联化是未来汽车技术的两大重要发展趋势。智能驾驶与互联驾驶相结合，才能有效提升车辆的安全性与经济性能，提高交通系统运行效率。智能化方面，以 ADAS、自动驾驶为代表的汽车智能化技术发展日新月异；网联化方面，美国政府宣布自 2017 年强制安装车对车通讯系统，必将全面推动 V2X 等汽车网联技术的快速发展。

我国汽车和相关产业能否抓住智能化和网联化发展的战略机遇，实现我国汽车产业的快速发展？智能化和网联化如何提升汽车的节能减排与安全等核心性能？如何规划适合我国国情的汽车智能化与网联化发展技术路径？全体大会将邀请国内外整车、零部件企业与相关产业的技术首脑、专家一起就以上问题进行深度探讨。

It is widely agreed that intelligent and connected are the two important trends of future automotive technology. Combination of the two could greatly improve safety and economic performance of vehicles and enhance the operating efficiency of the traffic system. For intelligent vehicles, the technology represented by ADAS and autonomous driving is developing very fast; for connected vehicles, US government has announced a compulsory installation of V2V communication which will be carried out in 2017, and this will definitely push forward the rapid development of vehicle connected technologies such as V2X.

Could Chinese automotive and related industries seize the strategic so as to achieve the rapid growth of Chinese automotive industry? How could intelligent and connected technologies improve the core performance such as energy saving, emission reduction and safety? How to plan a technical roadmap for intelligent and connected vehicle that adapts to the Chinese context? The plenary session will invite technical leasers and experts home and abroad from OEMs, components and other fields related to the automotive industry, to have an in-depth discussion on the above issues.

议题 / Topics：

- 智能网联汽车技术发展现状和趋势
- 智能化和网联化对汽车安全与节能性能的提升
- 智能化与网联化技术对汽车生产、使用、管理方式的革新
- 适合我国智能网联汽车发展的技术路径

- Current situation and development trend of intelligent and connected vehicle technology
- Performance improvement of safety and energy-saving brought by intelligent and connect technology
- Innovations of vehicle manufacturing, utilization and management models by intelligent and connect technology
- Technical path of intelligent and connected vehicle that is suitable for China

主持嘉宾 / Moderator:
李克强 教授 /Prof. Li Keqiang
清华大学汽车工程系主任
Head of Department of Automotive Engineering, Tsinghua University

演讲嘉宾 / Speakers:

日产的城市自动驾驶实用化路线图
Nissan's Autonomous Driving Roadmap
坂本秀行 先生 / Mr. Sakamoto Hideyuki
日产汽车公司执行副总裁
Executive Vice President, Nissan Motor Co., Ltd.

题目待定
Topic to be Decided
加藤良文 先生 / Mr. KATO Yoshifumi
株式会社电装常务董事
Executive Director, DENSO Corporation

互联车载信息系统的现在与未来
Present & Future Connected In-vehicle Information Systems
海岳明 先生 / Mr. Juergen Heim
大陆集团车身电子事业部中国区副总裁
车身与安全业务单元亚洲 OEM 客户负责人
Vice President, BU BS Segment Asian OEM & Division Interior China, Continental

思考与行动 – 自动驾驶实现更安全的道路交通
Cars that Think and Act – Automated Driving for Greater Road Safety
博世公司专家
An expert from Bosch

技术演讲，约 15-20 分钟 / 人 Technical Speeches (about 15-20 minutes each)
互动讨论（70 分钟）Panel Discussion (70 minutes)

A1：2015 年发动机技术研讨会
2015 China Engine Technology Summit

时间及地点 / Date & Venue： 2015 年 10 月 27 日 13:30-17:40，南展厅会议全体大会区
13:30-17:40 Oct. 27, Conference Zone, South Exhibition Hall

主办单位 / Organizer： 汽车与运动杂志社
Autosportsevo Magazine

协办单位 / Co-organizer： 中国石油天然气股份有限公司润滑油分公司
Kunlun Lubricant

会议主席：苏万华 院士 / Prof. Su Wanhua
中国工程院院士，天津大学教授
CAE Academician，Professor of Tianjin University

简介 / Introduction：

发动机技术的创新与发展，是满足未来内燃机油耗与排放法规，实现 2025 年内燃机强国梦的前提。本专题论坛将邀请国内外企业、行业组织、高校的技术领袖、资深专家，集中讨论车用发动机的关键技术以及未来发展趋势。同时，我们将见证由《汽车与运动》杂志组织评选的“中国心”2015 年度十佳发动机颁奖典礼。

The innovation and development of the internal combustion engine is the prerequisite for meeting the emission regulations and fuel consumption, and realizing the dream of being a powerful nation in combustion engine in 2025. The Session will invite senior experts from home and abroad to discuss the key technology of internal combustion engine and the future development strategy in China. The “Ten Best Engines of China” annual award organized by Autosportsevo Magazine will also be presented during this event

演讲嘉宾 / Speakers:

题目待定
Topic to be Decided
哈肯贝格 博士 / Dr. Ulrich Hackenberg（待定 /TBC）
奥迪公司管理理事会成员
Head of Technical Development Audi AG

通用全新发动机产品的技术优势及开发方向
Technical Advantage and Future Development Trend of GM Engines
Tang-Wei Kuo 博士 / Dr. Tang-Wei Kuo
美国通用汽车公司研发中心动力总成部门总监
Director of R&D Center Powertrain Department, GM

丰田如何应对全球市场对新型发动机产品的需求
How Toyota Meets new Engine Demands from the Global Market
渡邉泉 先生 / Mr. Watanabe Izumi
丰田汽车日本发动机统括部部长
Director of Engine Develop Department Japan, Toyota

题目待定
Topic to be Decided
詹樟松 博士 / Dr. Zhan Zhangsong
重庆长安汽车股份有限公司动力研究院院长
President of Chongqing Changan Motors Powertrain Development Center

欧 6 柴油机应用关键技术的开发
Development and Application of key Technologies for Euro VI Diesel Engine
林铁坚 博士 / Dr. Lin Tiejian
广西玉柴工程研究院副院长
Deputy Director of R&D Institute, Guangxi Yuchai Machinery Co. Ltd.

题目待定
Topic to be Decided
邢敏 先生 / Mr. Xing Min
中国内燃机工业学会会长
Executive vice president, China Internal Combustion Engine Industry Association

题目待定
Topic to be Decided
许敏教授 / Prof. Xu Min
上海交通大学汽车工程研究院院长
President of School of Automotive Engineering, Shanghai Jiao Tong University

主要日程 /Preliminary Agenda：

13:30-16:50 主旨报告（20 分钟 / 人，5 分钟提问）Keynote Speeches (20 minutes each plus a 5-minute Q&A)
16:50-17:40 《汽车与运动》“中国心”年度十佳发动机颁奖典礼 Award Ceremony of Ten Best Engines of China

A2：发动机制造精度控制
Precision Control of Engine Manufacturing

时间及地点 / Date & Venue： 2015 年 10 月 27 日 13:30–17:50，北展厅 A1 会议室
13:30–17:50, Oct. 27，A1, North Exhibition Hall

协办单位 / Co-organizer： 上海交通大学
Shanghai Jiao Tong University

简介 / Introduction：

汽车发动机缸体、缸盖、曲轴等关键零部件制造精度对整机使用性能和制造成本有着重要影响。随着信息化与制造业深度融合，发动机关键零部件制造精度从传统的离线、单点、经验控制，向在线、大数据、智能控制发展，为提升发动机制造精度、保证设计性能、降低制造成本带来重大机遇。

Precision control of engine block, cylinder head, crankshaft and other key parts has significant important impact on engine performance and manufacturing costs. With the deep integration of Informationization and manufacturing industry, the manufacturing precision control of engine key parts transforms from traditional offline, single-point, and experiential control to the development of online, big-data and intelligent control, which provides a significant opportunity to enhance engine manufacturing precision, ensure designed performance, and reduce manufacturing costs.

议题 / Topics：

- 发动机制造全过程质量检测与控制体系发展
- 发动机关键零部件在线精密测量技术与应用
- 发动机关键零部件加工精度智能化控制技术

- Development of quality inspection and control system for engine manufacturing
- Technology and application of online precision measurement for engine key parts
- Intelligent control technology for machining precision of engine key components

日程 / Agenda：

主席 / Chairman:
林忠钦 院士 / Prof. Lin Zhongqin
中国工程院院士；上海交通大学副校长
Academician of the Chinese Academy of Engineering;
Vice President of Shanghai Jiao Tong University

演讲嘉宾 / Speakers：

柴油机制造过程质量检测与控制体系
Quality Inspection and Control System for Diesel Engine Manufacturing Process
林志强 博士 / Dr. Lin Zhiqiang
广西玉柴机器股份有限公司总工程师兼工程研究院院长
Chief Engineer, Director of R&D Institute, Guangxi Yuchai Machinery Co. Ltd.

创新技术在生产中的应用——EA211 发动机罩壳模块的技术简介
Application of Innovative Technology in Production: A Technical Introduction to EA211 Engine Hood Module
陈健 先生 / Mr. Chen Jian
上海大众动力总成有限公司高级经理
Senior Manager, Shanghai Volkswagen Powertrain Co., Ltd.

缸体缸盖加工高清在线检测技术与应用
Technology and Application of High Definition online Measurement for Machining Cylinder Head
黄振华 博士 / Dr. Huang Zhenhua
科惠力亚洲区汽车业务副总裁 / 首席技术官
Coherix Asia Auto Business VP/CTO

油泵油嘴加工高精度在线检测技术与应用
Online Detection Technology and Application of Machining Oil Pump and Nozzle with High Precision
李芳 女士 / Ms. Li Fang
机械科学研究总院机科发展科技股份有限公司自动检测技术及装备事业部总经理
General Manager, Division of Auto Measurement Technology & Equipment, Machinery Technology Development Co., Ltd., China Academy of Machinery Science and Technology

缸盖燃烧室在线形貌扫描测量与精度补偿技术
Online Measurement and Precise Compensation Technology of Cylinder Head Combustion Chamber
王大明 先生 / Mr. Wang Daming
上汽通用五菱汽车股份有限公司发动机制造部制造工程总监
Director, Department of Engine Manufacturing, SGMW

缸孔宏微观精度的镗－珩加工多参数协调控制技术
Coordinated Control Technology of Honing and Boring Cylinder Hole with Multiple Machining Parameters in Macro and Micro Precision
姚振强 教授 / Prof. Yao Zhenqiang
上海交通大学制造技术与装备自动化研究所教授、所长
Professor, Director of Institute for Manufacturing Technology and Equipment Automation, Shanghai Jiao Tong University

形式 / Format:

技术演讲（约 20 分钟 / 人）Technical Presentations (about 20 minutes each)
互动讨论（约 40–50 分钟）Panel discussion (40 to 50 minutes)

A3：车辆动力学——底盘性能与试验测试
Vehicle Dynamics – Chassis Performance & Testing

时间及地点 / Date & Venue： 2015 年 10 月 27 日 13:30–15:30，北展厅 A2 会议室
13:30–15:30 Oct. 27, A2, North Exhibition Hall

协办单位 / Co-organizer： 吉林大学
Jilin University

简介 / Introduction：

车辆动力学性能（包括操纵稳定性、乘坐舒适性、动力加速性和制动安全性）是汽车的核心竞争力，车辆动力学技术是我国汽车工业实现底盘自主开发，形成国际竞争力的重要共性核心技术，包括车辆动力学建模、仿真、试验测试及评价、控制等关键理论与技术方法，是底盘集成匹配的重要支撑。本专题分会将主要讨论其中的关键理论方法和开发技术。

Vehicle dynamics(including handling stability, ride comfort, acceleration and braking) is the key competitive point of the car. Vehicle dynamics technology is important public key technology for our country automobile industry to achieve chassis independent development and improve international competitiveness. It includes the key theory and technology methods of vehicle dynamics modeling, simulation, test and evaluation. It is the significant support of chassis integrated matching. This session will mainly discuss the key technologies.

议题 / Topics：

- 车辆运动动力学的建模与仿真技术，讨论如何建立高精度车辆动力学模型，及如何利用车辆动力学模型支撑底盘开发?
- 车辆动力学性能开发及试验测试方法，讨论车辆动力学性能的分解、优化匹配，整车性能及总成特性的试验测试方法?
- 车辆动力学性能的主客观评价技术，讨论主客观评价方法及其在底盘开发中的作用?
- 车辆动力学控制技术，讨论车辆动力学控制理论及方法，车辆动力学控制匹配、试验及评价技术?

- Vehicle dynamics modeling and simulation technology.To discuss how to establish a high accuracy of vehicle dynamics model, and how to use the vehicle dynamics model to support the development?
- The vehicle dynamics performance and test method. To discuss the decomposition, optimization and matching of the vehicle dynamic performance, and the test method of vehicle performance and assembly feature?
- The subjective and objective evaluation of the vehicle dynamics performance technology.To discuss the subjective and objective evaluation method and its role in the development?
- Control of vehicle dynamics. To discuss the theory and methods of vehicle dynamics control, and integration, test and evaluation of the vehicle dynamics control.

日程 / Agenda：

主席 / Chairpersons:

郭孔辉 院士 / Prof. Guo Konghui
中国工程院院士、吉林大学汽车工程学院名誉院长
CAE Academician, Honorary Chairman of Automotive Engineering College, Jilin University

管欣 教授 / Prof. Guan Hsin
吉林大学汽车研究院院长
President, Automobile Research Institute, Jilin University

演讲嘉宾 / Speakers：

整车工程技术发展
The Development of Vehicle Engineering
Adrian Gaylard 先生 / Mr. Adrian Gaylard
捷豹英国空气动力学总监
Director of Aerodynamics, Jaguar UK

混合动力系统多模式动态切换控制优化
Optimization of Multi-mode Dynamic Switching Control in a Hybrid Power System
李亮 教授 / Prof. Li Liang
清华大学汽车工程系
Department of Automotive Engineering, Tsinghua University

长城汽车底盘调校模式及技术能力建设
Chassis Tuning Mode and Technical Capability Construction of Great Wall Motor
张凯 先生 / Mr. Zhang Kai
长城汽车公司车辆安全工程研究院院长
President of Vehicle Safety Engineering Research Institute, Great Wall Motor

面向全新底盘架构的汽车动力学性能前期开发
Vehicle Dynamic Performance Pre-development for a Brand-new Chassis Frame
舒进 博士 / Dr. Shu Jin
泛亚技术中心车辆动力学总监
Director of Vehicle Dynamics, PATAC

基于动力学的汽车主动安全技术研究
Vehicle Active Safety Technology Research that Based on Dynamics
史建鹏 博士 / Dr. Shi Jianpeng
东风汽车公司技术中心研究部部长
Director of Research Department, Dongfeng Motor Corporation

底盘性能一致性开发中的动力学问题研究
Dynamic Research in the Development of Performance Consistence
詹军 教授 / Prof. Zhan Jun
吉林大学汽车仿真与控制国家重点实验室
State Key Lab of Automotive Simulation and Control, Jilin University

形式 / Format:

主题演讲（约 20 分钟 / 人）Keynote Speeches (about 20 minutes each)

S01：预备：电动汽车中电池，电机和电控
Making Battery, E-motor and Control Strategy ready for PHEV/EV?

时间及地点 / Date & Venue： 2015 年 10 月 27 日 13:30-15:30，北展厅 A3-AVL 会议中心
13:30-15:30, Oct. 27, AVL Theater, A3, North Exhibition Hall

协办单位 / Co-organizer： AVL 李斯特公司
AVL List GmbH

S02: 发动机与变速箱采用电气化方案的前景：12V、48V、96V、 400V 还是 800 伏？
Engine and Transmission between the Poles 12-48-96-400-800 Volt?

时间及地点 / Date & Venue： 2015 年 10 月 27 日 15:50-17:50，北展厅 A3-AVL 会议中心
15:50-17:50, Oct. 27, AVL Theater, A3, North Exhibition Hall

协办单位 / Co-organizer： AVL 李斯特公司
AVL List GmbH

简介 / Introduction：

动力总成的电气化正在全球范围内加速发展，其中既包括混动系统，也包含纯电动系统。各类技术路线不断在业内涌现，也相应地各有利弊，但目前尚未出现一种架构形式能在市场中占据压倒性的主流地位。系统的电压选取也面临着同样的现状。系统的电压低至 12V，高至 800V，对于低压系统和高压系统何者更优，现阶段亦无统一的意见。

在这次会议期间，全球顶尖的专家们将探讨不同技术概念的利弊，并就发动机与变速箱间的交互匹配展开讨论。

The electrification of the powertrain – in the form of hybrid or all-electric drive systems – is picking up pace all over the world. Different solutions are being proposed and pursued, each having their own benefits and drawbacks. An overwhelming preference for one of these architectures has not yet emerged. The same is true for the choice of voltage. There are as many arguments in favor of low voltage systems as there are for high voltage systems, with levels ranging from 12 volts to 800 volts.

During our session, top international experts will be discussing the advantages and disadvantages of the different concepts and the interaction between engine and transmission.

拟邀请嘉宾演讲题目 / Topics to Discuss:

下至 12V，上至 400V 的未来动力总成架构
Future Powertrain Architecture from 12V up to 400V

全新插电式混动型 X5：休旅车的两全其美之道
The New X5 with Plug-in Hybrid: The best of both worlds for the SAV-Segment

从 12V+12V 到 48V：一种全新的混动技术路线
From 12V+12V to 48V: A New Road map for Hybridization

S03: 48 伏技术
48V Technology for China Market

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–15:30，北展厅 A4 会议室
13:30–15:30, Oct. 27, A4, North Exhibition Hall

协办单位 / Co-organizer: 大陆集团混合动力及电动车事业部
Continental Hybrid Electric Vehicle Business Unit

简介 / Introduction :

面对日趋严峻的能源供应形势，汽车节能战略的重要性得到凸显 . 在电动车得到普及之前，48V 技术会在很长的一段时间内成为有效的解决方案，填补价格合理的 12 伏启停系统与昂贵的高压混合动力（ ≧ 110 伏）解决方案之间的空白。这项技术只需增加极少的购车成本，即可达到降低 13% – 21% 的油耗。与传统 12V 系统相比，新的 48V 动力传动技术可望为汽车产业带来变化，汽车内部电源 48V 架构的应用正成为从零部件供应商到汽车制造商等各环节的探讨热点。

此次的分论坛，我们将从零部件供应商、电池供应商、系统工程服务公司及主机厂的角度，共同就 48 伏技术的优势及问题、推广应用、技术规范等话题进行探讨，以期实现中国 2020 节能战略目标。

The increasingly severe energy situation has highlighted the importance of automobile energy conservation strategy. Before the popularization of electric vehicles, 48V technology will stay as an effective solution for a long term, closing the gap between simple 12V start-stop systems and high voltage hybrids (≧ 110 V). Fuel consumption can be decreased by 13%-21% with limited additional cost. Compared with the traditional 12V system, 48V technology is expected to bring changes to the current auto industry, and the application of 48V is thus becoming a hot topic for the whole chain, from component supplier to automobile manufacturer.

In the special forum, the strengths and problems, applications, technical specifications and other topics of 48V technology will be addressed from the perspectives of component supplier, battery supplier, system engineering service supplier, and OEM, under the target to realize China's strategic goal of fuel consumption in 2020.

日程 / Agenda:

主席 / Chairperson :
大陆汽车混合动力及电动车业务单元亚洲区 技术专家（待定）
Technical Expert from Business Unit Hybrid Electric Vehicle, Continental (To be decided)

演讲嘉宾 / Speakers：

Mr. Peter Huang,
IHS 大陆汽车混合动力及电动车业务单元代表（待定）
Representative of Business Unit Hybrid Electric Vehicle, Continental (TBD)

蔡毅先生 / Mr. Steven Cai
宁德时代新能源科技有限公司
Contemporary Amperex Technology Ltd.

钟军先生 /Mr. Jim Zhong
马瑞利（中国）有限公司 EMS 系统开发副经理

系统工程供应商代表（待定）
Representative of a System Engineering Supplier (TBD)

泛亚汽车技术中心代表（待定）
Representative of PATAC(TBD)

形式 / Format:

技术演讲（约 15–20 分钟 / 人）Technical Presentations (10 to 15 minutes each)
互动讨论（约 30 分钟）Panel discussion (30 minutes)

S04：汽车 EPS 电控转向技术
Automotive EPS Technology

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–17:50，北展厅 A6 会议室
13:30–17:50 Oct. 27, A6, North Exhibition Hall

协办单位 / Co-organizers: 中国汽车工程学会转向技术分会，中国汽车工程研究院股份有限公司
Steering Technology Committee of SAE-China，China Automotive Engineering Research Institute Co., Ltd.

简介 / Introduction :

近年来，随着转向技术的不断发展，EPS 电动助力转向系统因其节能环保、结构精巧、安全舒适等优点成为了汽车助力转向系统的发展方向。在我国，EPS 的装配率逐年上升，并且正在从中高档车型向经济性车型普及。在未来汽车对于节能环保、高安全性和高舒适性的要求下，EPS 电控转向技术无疑将进一步得到发展。本专题分会将邀请业界的资深专家，通过高端演讲和现场互动交流的形式，共同探讨汽车转向系统产业从市场到技术应用等不同层面的发展热点，推动 EPS 电控转向技术的发展和革新。

In recent years, with the continuous development of steering technology, Electric Power Steering (EPS) system has become the trend of vehicle power steering systems, thanks to its merits such as energy-saving, compact in structure, safe and comfortable. With a rising assembly rate, EPS system in China is now being widely applied to from middle and top grade vehicles to economical ones, and is expected to get further promotion in order to meet the demands of energy efficiency, high safety and comfort performance for cars in the future, Senior experts will be invited to join this session is ways of technical presentations and interactive communication. The focus will be hot topics of EPS industry from different perspectives from market to application, with the aim to promote the technical development and innovation of EPS technology.

议题 / Topics:

- 在 EPS 系统研发生产中，国内电控技术如何发展？
- 在汽车安全越来越得到重视的背景下，如何将 EPS 与其他子系统结合起来，进一步提升汽车的主动安全性？
- 面对新的技术挑战，国内 EPS 转向系统相关企业如何进行配套零部件的技术升级？

- How to develop the electronic controlling technology in China in the process of EPS R&D and production?
- As safety is being more and more emphasized, how to combine EPS and other subsystems so as to further enhance the active safety performance?
- How should domestic EPS-related companies upgrade the supporting parts technology in facing new technical challenges?

日程 / Agenda:

主席 / Chairperson：
欧家福 先生 / Mr. Ou Jiafu
中国汽车工程研究院有限公司质检中心副主任
Deputy Director, Quality Inspection Center, China Automotive Engineering Research Institute Co., Ltd.

主持嘉宾：
郑宏宇 教授 / Prof. Zheng Hongyu
吉林大学汽车仿真与控制国家重点实验室
State Key Laboratory of Automotive Simulation and Control, Jilin University

13:30–13:40 主席致辞 Welcome Address

演讲嘉宾 / Speakers :

13:40–13:55
循环球电动转向器在汽车上的应用
Application of circular ball electric power steering gear in automobile
毕大宁 先生 / Mr. Bi Daning
中国汽车工程学会转向分会顾问
Consultant, Steering Branch, Society of Automotive Engineers of China

13:55–14:10
题目待定
Topic to be Decided
郑宏宇 教授 / Prof. Zheng Hongyu
吉林大学汽车仿真与控制国家重点实验室
State Key Laboratory of Automotive Simulation and Control, Jilin University

14:10–14:25
EPS 系统在智能汽车中的应用与挑战
Application and Challenge of EPS System Using for Intelligent Vehicles
陈慧 教授 / Prof. Chen Hui
同济大学汽车学院
School of Automotive Studies, Tongji University

14:25–14:40
电动助力转向器控制器设计分析
Design and Analysis of Electric Power Steering Controller
王豪 博士 / Dr. Wang Hao
天津德科汽车部件有限公司总经理
General Manager, Tianjin DECO Automotive Parts Co., Ltd.

15:00–15:15
掌握 EPS 核心技术，助力产业发展
Master the Core Technology of EPS, and Help to Accelerate the Industry Development
王学合 博士 / Dr. Wang Xuehe
联创汽车电子有限公司总经理
General Manager, DIAS Automotive Electronic Systems Co., Ltd.

15:15–15:30
EPS 控制系统技术发展趋势——EPS 集成动力包介绍
The Technology Trend of EPS Control System: Integrated EPS Power-pack Introduction
罗来军 博士 / Dr. Luo Laijun
联创汽车电子有限公司副总经理
Vice General Manager, DIAS Automotive Electronic Systems Co., Ltd.

15:30–15:45
基于永磁同步电机的 EPS 系统
An EPS System based on Permanent Magnet Synchronous Motor
田勇 先生 / Mr. Tian Yong
豫北转向系统股份有限公司技术总监
Technical Director, YUBEI Steering System Co., Ltd.

15:45–16:00
仿真确定安全和高性价比的电动助力转向控制器硬件和机械设计
Simulation to Make Safe & Cost Effective Hardware & Mechanical EPS ECU Design
埃尔万·尼科特 先生 / Mr. Erwan Nicot
法雷奥产品线全球研发总监
Product Line R&D Director, VALEO

16:00–16:30 互动讨论 Panel Discussion

S05：“G20”推动零部件技术进步——目标与方向
G20 Promotes the Progress of Parts Technology: Goals and Directions

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–18:00，北展厅 A8 会议室
13:30–18:00, Oct. 27, A8, North Exhibition Hall

协办单位 / Co-organizer: 中国汽车零部件技术创新推进组织
China Auto Parts Technological Innovation Organization (G20)

简介 / Introduction :

我国汽车零部件关键技术均被外资企业垄断，关键零部件技术的缺失严重阻碍了整车的发展。随着汽车电子化、智能化、网联化的推进和发展，中国零部件企业面临巨大的挑战。“G20”组织作为零部件企业技术创新服务平台，将凝聚行业的力量，攻克技术难关，破解技术难题，掌握核心技术，培养一批具有国际竞争力的零部件小型巨人企业。本专题会议就“G20”组织建设、协同创新工作思路，零部件企业与整车企业相互促进发展展开专题讨论，明确今后的发展目标和方向。

The key technologies of auto parts are monopolized by foreign companies in China. The development of the vehicle is hindered by the lack of key parts and components technology seriously. With the development of automobile electronic, intelligent, connected, the parts enterprises of China face huge challenges. ‘G20’ as the service platform for the technology innovation of parts enterprise, will promote the power of the industry to overcome technical challenges, solving technical problems and to master the core technology, cultivate a batch of The international famous enterprises. This special session will discuss the organization construction of ‘G20’, work thread of collaborative innovation, etc. Finally, make sure the development aim and direction in the future.

议题 / Topics:

- 汽车零部件协同创新的思路和方法
- 汽车零部件关键技术的合作开发
- 整车企业对零部件企业的技术需求

- The thought and method of auto parts collaborative innovation
- The development collaboration of auto parts key technology
- The development of auto parts key technology

会议主席 /Chairperson :
闫建来 先生 / Mr. Yan Jianlai
中国汽车工程学会副秘书长
Deputy Secretary General of SAE-China

致辞嘉宾 /Addressor :
付于武 先生 / Mr. Fu Yuwu
中国汽车工程学会理事长
President of SAE-China

拟定演讲嘉宾 /Speakers to invite :

如何加强整车与零部件企业协同合作
How to Enhance the OEM and Parts Enterprises Work Together
吴绍明 先生 / Mr. Wu Shaoming
第一汽车集团公司副总经理
Vice President, China FAW Group Corporation

整零合作 推动优势零部件企业快速成长
Collaboration between OEMs and Components to Promote a Rapid Growth of Elite Parts Companies
韩永贵 先生 / Mr. Han Yonggui
北汽集团常务副总经理
Executive Deputy General Manager, BAIC Motor Corporation Limited

整车对零部件协同创新的要求
The Requirement of OEMS for Parts Enterprise of Collaborative Innovation
陆海峰 先生 / Mr. Lu Haifeng
华域汽车系统股份有限公司技术中心主任
Director of Technical Center, HUAYU Automotive Systems Co., Ltd.

整车与零部件技术创新新模式
The New Technology Innovation Modes of OEMs and Parts Enterprises
卢飒 女士 / Ms. Lu Sa
广州汽车集团股份有限公司执行董事
Executive Director, Guangzhou Automobile Group Co., Ltd.

共性技术的支撑与个性技术的服务
Support of Generic Technology and Service of Individualized Technology
成波 教授 / Prof. Cheng Bo
清华大学苏州研究院院长
President, Suzhou Research Institute, Tsinghua University

G20 成员单位嘉宾发言
Speeches by Representatives of G20 Member Companies

17:00–18:00 G20 工作会议 / G20 Working Meeting

S06：从实践者视角看 ISO 26262 对电控软件部门的影响和现实意义
Real-world Impact and Value of ISO 26262 to Electronics and Software Groups – Practitioners' Point of View

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30-15:30，2 楼多功能大会议室东
13:30-15:30, Oct.27, Function Hall East, 2F, SAEC

简介 / Introduction :

国际道路车辆标准 ISO26262 备受瞩目。从 2011 年发布至今，它所被采用的步伐和程度却有所参差不齐。该专题会议将电控软件方面的实践者们聚集一堂，以分享经验。

The international road vehicle standard ISO 26262 is significant milestone for the industry. Since its publication in 2011, the pace and extent of its adoption has been uneven. Panel will bring together practitioners of the standard in electronic controls and software to share their experience.

议题 / Topics:

- ISO26262 在电控软件开发中的推广
- 对标准的适应和解释
- 电控软件开发流程的升级
- 基于模型的方法的应用
- Adoption of ISO 26262 in electronic control and software development
- Adaptation and interpretation of the standard
- Upgrade of development process for electronic controls and software
- Application of Model-Based Design

日程 / Agenda:

会议主席 / Chairperson:
金文思 先生 / Mr. Jin Wensi
MathWorks 北美及亚太汽车市场经理
Manager, Industry Marketing for North America and Asia Pacific, MathWorks

演讲嘉宾 / Speakers :

边宁 博士 / Dr. Bian Ning
东风汽车技术中心教授级高级工程师
Senior Engineer with Professor Level, Dongfeng Motors Technical Center

刘永林 先生 / Mr. Liu Yonglin
莱茵检测认证服务（中国）有限公司部门经理
Department Manager, TÜV Rheinland (China) Ltd.

程晖 先生 / Mr. Cheng Hui
科世达亚太区研发中心软件部门主管
Software Development Supervisor, KOSTAL Asia R&D Center

John Lee 先生 / Mr. John Lee
MathWorks **全球主任咨询工程师**
Principal Consulting Engineer, MathWorks

形式 / Format:

技术演讲（约 20 分钟 / 人）Technical Presentations (about 20 minutes each)
互动讨论（约 40 分钟）Panel Discussion(about 40 minutes)

S07: 汽车产业与技术管理
Automotive Industry and Technology Management

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–17:00，2 楼 1 号会议室
13:30–17:00 Oct. 27, Meeting Room1, 2F, SAEC

协办单位 / Co-organizer: 中国汽车工程学会技术与管理分会
Technology & Management Committee of SAE-China

简介 / Introduction :

在中国建设汽车强国的征途中，技术战略决策能力和技术管理水平，作为直接影响和保障核心技术攻关及应用效果的关键要素，具有十分重要的意义。本专题分会将围绕着汽车强国建设及转型升级战略、产业技术战略及配套政策体系、对新兴行业与新技术手段的借鉴与融合、技术热点与趋势分析、企业技术策略与技术创新管理、自主研发的体系建设（流程完善、组织设计、人才培养、能力提升等）、产品开发流程与项目管理、技术应用及商业模式创新、关键技术的全生命周期分析与全价值链研究、以及技术战略及管理相关方法论研究等重要议题，邀请来自产学研各方的企业高管和行业专家分享真知灼见，以带动企业研发能力的提升，促进行业整体技术水平的进步。

In the process of building China into a country with a strong automotive industry, technologystrategic decision-making capability and technology management level are of great significance for they have direct bearing on and assure of breakthroughs and application effects of core technologies.

This special session focuses on important issues such as the building of China into an automotive power and relevant transformation and upgrading strategies, industrial technological strategies and supportive policy systems, integration of emerging industries and new technical means, technological hotspots and trend analysis, corporate technology strategy and technological innovation management, independent R&D system building (including process improvement, organizational design, talents cultivation and capability improvement), product development process and project management, technical application and innovation of business models, all life cycle analysis and whole value chain study of key technologies as well as research on methodologies related to technology strategy and management.

To this end, we invite corporate executives and industry experts from the industry, universities and research institutes to share their wise views and deep insights in an effort to stimulate the improvement of corporate R&D capacity and promote the overall technological progress of the industry.

日程 / Agenda:

主席 / 主持嘉宾 Chairman / Moderator:
刘宗巍 副教授 / Prof. Liu Zongwei
清华大学汽车产业与技术战略研究院
Associate Professor of Tsinghua Automotive Strategy Research Institute (TASRI)

演讲嘉宾 / Speakers：

现代经济发展状况下技术与商务的对立统一
Opposites and Unity betweenTechnology andBusiness under theCondition of Modern EconomicDevelopment
高卫民 博士 / Dr. Gao Weimin
汉能集团副总裁
Vice President of Hanergy Holding Group

基于市场用户的试验验证体系
Test Verification System Based on the Market Consumers
刘波 先生 / Mr. Liu Bo
长安汽车副总裁兼汽车工程研究总院院长
Vice President of Changan Automobile Group, President of Changan Global Research and Development Center

CPMA 开发战略及其实践
CAMA Development Strategy and Its Practices
黄向东 博士 / Dr. Huang Xiangdong
广汽集团执行委员会副主任、广汽研究院院长 /CTO
Deputy Director of the Executive Board of GAC Group, CTO & President of GAC Research Institute

动力总成技术策略与开发流程
Technology Strategy and Development Process of the Powertrain
姜宏 博士 / Dr. Jiang Hong
AVL 中国区总经理
General Manager of AVL China

汽车与 IT 企业产品开发差异化分析与借鉴
Differential Analysis of Product Development in Automotive and IT Enterprises and References
何伟 先生 / Mr. He Wei
盖斯特管理咨询公司总裁
CEO of GAST Strategy Consulting, LLC

物联网时代的汽车研发战略
Automobile R&D Strategy in the Era of the IoT
金坚敏 博士 / Dr. Jin Jianmin
富士通综合研究所经济研究所主席研究员
Senior Researcher of Economic Research Center, Fujitsu Research Institute (FRI)

形式 / Format:

嘉宾演讲（约 25 分钟 / 人）Presentations by the speakers (25 minutes each)
互动讨论（约 30 分钟）Panel discussion (30 minutes)

S08：新常态下的汽车产品回收利用技术及产业链的管理
The New Normal for Automotive Recycling Technology and Industrial Chain Management

时间及地点 / Date & Venue： 2015 年 10 月 27 日 13:30–16:00，南展厅 A9 会议室
13:30–16:30, Oct.27, A9, South Exhibition Hall

协办单位 / Co-organizer: 中国汽车工程学会现代化管理分会
Modern Management Committee of SAE-China

简介 / Introduction :

预计到 2020 年，中国每年的汽车报废量将达 1365 万辆。近年来，为了适应中国经济发展新常态下的市场需求变化，报废汽车回收再利用的产业集中度进一步提升，技术装备和信息化水平明显提高，环保水平和资源利用效率显著改善，营销模式日渐多样化；但目前我国的汽车产品回收利用产业的发展尚处在起步阶段，未形成成熟有效的产业链，与发展中国家的现状有明显距离，这也意味着我国的汽车回收利用产业具有很大的发展空间，因此，本专题分会将就汽车产品回收利用技术及产业链的管理开展研讨。

The volume of end-of-life vehicles (ELVs) in China is predicted to exceed 13.65 million by 2020. In recent years, in order to adapt to changes of market demand of China's new economy normal, the industrial concentration of automotive recycling is further enhanced. And technical equipment, informatization level, environmental protection and utilization efficiency of resources are significantly improved. The marketing model becomes more diverse. However, China's automotive recycling industry is still at the starting stage and has significant distance from the developed countries. Mature and effective industrial chain has not yet formed. These also mean that China's automotive recycling industry has great space for development. Thus, the topic of automotive recycling technology and industrial chain management would be discussed in this forum.

议题 / Topics:

- 汽车产品回收利用的新常态
- 退役乘用车的大规模高效拆解技术与挑战
- 汽车零部件的回收利用与再制造技术前瞻
- 汽车产品回收利用产业链技术及管理路线图（2016–2025）
- The new normal for automotive recycling
- Large-scale and efficient dismantling technology of ELVs and challenges
- Preview of automotive parts recycle and rebuild tchnology
- Automotive recycling industrial chain technology and management roadmap (2016~2025)

日程 / Agenda:

主席 / 主持嘉宾 Chairman / Moderator:
梁元聪 先生 / Mr. Liang Yuancong
现代化管理分会秘书长
Secretary General, Modern Management Committee of SAE-China

演讲嘉宾 / Speakers：

题目待定
Topic to be Decided
陈铭 先生 / Mr. Chen Ming
上海交通大学
Shanghai Jiao Tong University

题目待定
Topic to be Decided
黎宇科 先生 / Mr. Li Yuke
中国汽车技术研究中心
China Automotive Technology &Research Center

两名来自企业的演讲嘉宾
Two more speakers from companies

形式 / Format:

嘉宾演讲（约 20 分钟 / 人）Presentations by the speakers (20 minutes each)
互动讨论（约 50 分钟）Panel discussion (50 minutes)

S09: 冲压技术
Stamping Technology

时间及地点 / Date & Venue: 2015 年 10 月 28 日 09:00–12:00，北展厅 A1 会议室
09:00–12:00, Oct. 28, A1, North Exhibition Hall

协办单位 / Co-organizer: 中国汽车工程学会制造分会冲压学组
Stamping Group of Manufacturing Committee of SAE-China

简介 / Introduction :

高品质、高效率、低成本是企业不断追求的目标，越来越多的新技术、新工艺被广泛应用于汽车制造领域中。为满足国家乘用车 4 阶段油耗标准，不等厚钢板、高强钢、铝合金、镁合金等轻量化材料逐渐被国内各汽车企业引入，辊压成形、内高压成形、热成形等工艺不断应用于白车身冲压制造过程中。德国工业 4.0 和中国制造 2025 的宏伟目标势必会促进中国汽车制造业的发展迈入新的阶段。

本专题论坛将结合国内外汽车制造业冲压成形技术的发展现状，交流和研讨新工艺、新技术、新材料、新装备在冲压成形领域内的应用，以及对未来发展方向的探讨。

High quality, high efficiency and low cost is the constant goal of the enterprise, more and more new technology, new process has been widely used in automobile manufacturing field. To meet the Passenger car 4 phase fuel consumption standards of the state, high strength steel, aluminum alloy, magnesium alloy plate steel, lightweight materials have been gradually introduced to domestic automobile enterprises, roll forming, internal high pressure forming and hot forming technology have been continuously introduced to the white body stamping manufacturing process. German industrial 4.0 and Made in China 2025 is bound to promote the development of China's auto industry into a new stage.

This session will combine domestic and foreign auto manufacturing stamping technology development; discuss new technology, new process, new material and new equipment in the application of stamping, as well as the development direction in the future.

日程 / Agenda:

致辞嘉宾 / Addressing guest:
邹恒琪 女士 / Ms. Zou Hengqi
东风汽车公司副总工程师
Vice Chief Engineer, Dongfeng Motor Corporation

主席 / Chairperson:
邱枫 先生 / Mr. Qiu Feng
长春一汽富维汽车零部件股份有限公司副总经理， 制造分会冲压学组主任委员
Deputy General Manager, Changchun FAWAY Automobile Components Co., Ltd. Chairman of Stamping Group of Manufacturing Committee

主席 / Chairperson:
张士宏 先生 / Mr. Zhang Shihong
中科院沈阳金属研究所研究员、主任
Director of IMR, CAS

演讲嘉宾 / Speakers:

中国第一汽车股份有限公司冲压工艺技术研究介绍
Introduction of China First Automobile Co., Ltd. Stamping Technology Research
张晓胜 先生 / Mr. Zhang Xiaosheng
冲压专家 中国第一汽车股份有限公司发展部
Stamping Experts, China's First Auto Co., Ltd. Development Department

高强塑积热冲压超高强钢板及管板液压成形技术的进展
The Development of Plastic Hot-Stamping Super-high Strength Steel Plate and Tube Sheet Hydroforming Technology
张士宏 先生 / Mr. Zhang Shihong
中科院沈阳金属研究所研究员、主任
Director of IMR, CAS

EP6 涡轮增压发动机油底壳模具及液压成型技术的开发
The Development of EP6 Turbo Charged Engine Oil Pan Mold and Hydraulic Molding Technology
何劲松 先生 / Mr. He Jinsong
东风模具冲压技术有限公司模具分公司副总工程师
Deputy Chief Engineer of Dongfeng Mold Stamping Technology Branch

打造高性价比的国产热冲压线
Create Cost-Effective Domestic Hot Stamping Line
任晓琪 先生 / Mr. Ren Xiaoqi
山东大王金泰集团有限公司项目经理
Project Manager of Shandong Jin-Tai Group

冲压自动化的夹持技术
Clamping Technology of Automatic Stamping
龙飞 先生 / Mr. Long Fei
Zimmer Group 中国区总经理
General Manager of Zimmer Group

伟本机电在冲压自动化改造升级中的运用
Application of WECAN in Stamping Automatic Upgrade
龚学培 先生 / Mr. Gong Xuepei
上海伟本机电 总经理
General manager of Shanghai WECAN

FLT 的热成型技术在冲压领域的应用
FLT Thermoforming Technology Application in the Field of Stamping
李晓黎 女士 / Ms. Li Xiaoli
德国 FLT 公司 中国区总经理
General Manager of FLT China

形式 / Format: 技术演讲（约 20 分钟 / 人）Technical Presentations (20 minutes each)

S10：从汽车产品开发中的技术问题到科学研究
From R&D Technical Problems to Scientific Research

时间及地点 / Date & Venue: 2015 年 10 月 28 日 09:00–12:00，北展厅 A3–AVL 会议中心
09:00–12:00 Oct. 28, A3, AVL Theater, A3, North Exhibition Hall

协办单位 / Co-organizer: 重庆长安汽车股份有限公司
Chongqing Changan Automobile Company Ltd.

简介 / Introduction :

在中国品牌汽车公司走向世界一流的过程中，面临怎样解决越来越复杂的技术问题，面临着怎样提升产品的品质感，面临着怎样让产品具备一流的竞争力等等的诸多挑战。在产品开发过程中，汽车公司会遇到很多技术问题。有的公司一边开发产品，一边解决问题。很多时候，靠试错或摸索的方式解决了某些技术问题，却知其然而不知所以然。世界一流公司里面，一定会将产品开发过程中的技术问题上升了科学问题，当理解并解决了科学问题后，就能广泛地指导产品开发。从而，世界一流公司里面，就形成了产品开发、先期技术研究和基础研究三个层次。

目前，中国品牌汽车公司的先进技术和基础研究的能力非常薄弱。寻找与高校的合作是一条很好的途径。高校一定要与企业合作，但是重要的是找到合作点。高校与企业合作的重点是将开发中的技术问题转换成科学问题，而利用自身优势来解决科学问题；解决了科学问题后，再来指导产品开发过程中出现的技术问题。在未来很长一段时间内，高校和企业在这个领域的合作非常重要。

In the way Chinese auto companies evolving into world-class brands, they are facing numerous challenges such as how to tackle technical problems that are getting more and more complicated, how to enhance product quality, and how to equip the products with top competitiveness. In the process of product R&D, auto companies will confront a lot of technical problems. Some companies are trying to solve the problems while doing the R&D work, and sometimes they success by accident without knowing exactly what was happening. However, things are quite different in global first-ranking companies, as they regard those technical problems as serious scientific questions. They would try to tackle the problem only after a thorough understanding of the questions has been acquired, and later those acknowledge can be very instructive in a wider range of R&D work. In this way, there are three levels in those top-ranking companies, respectively, product R&D, pre-technical research and fundamental research.

At present, the capacities of technological research and fundamental research are very weak in Chinese auto companies. To collaborate with universities would be a good solution, which will benefit both parties. But it is essential to find a good point to start with. The key for university-enterprise collaboration is to transfer R&D technical problems into scientific questions that can be solved with their own advantages, and thus to instruct the product R&D. It would be important for universities and enterprises to collaborate in this area for many more years.

日程 / Agenda:

主席 / Chairperson:
庞剑 博士 / Dr. Pang Jian
长安汽车工程研究总院副院长
Vice President,
Changan Global Research and Development Center

拟邀请演讲嘉宾 / Speakers to invite:

庞剑 博士 / Dr. Pang Jian
长安汽车工程研究总院副院长
Vice President,
Changan Global Research and Development Center

赵会 博士 / Dr. Zhao Hui
长安汽车工程研究总院副院长
Vice President, Changan Global Research and Development Center

连小珉 教授 / Prof. Lian Xiaomin
清华大学汽车工程系
Department of Automotive Engineering, Tsinghua University

余卓平 教授 /Prof. Yu Zhuoping
同济大学校长助理，汽车学院院长
Assistant President, Dean of School of Automotive Studies, Tongji Univeristy

管欣 教授 /Prof. Guan Hsin
吉林大学汽车研究院院长
President, Automobile Research Institute, Jilin University

形式 / Format:

技术演讲（约 20 分钟 / 人）Technical Presentations (20 minutes each)
互动讨论（约 60 分钟）Panel discussion (60 minutes)

S11: 电动汽车安全技术
Electric Vehicles Safety Technology

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–18:00，北展厅 A4 会议室
13:30–18:00 Oct. 28, A4, North Exhibition Hall

协办单位 / Co-Organizers: 电动汽车产业技术创新战略联盟，北理工电动车辆国家工程实验室
Industry Technology Innovation Strategic Alliance for Electric Vehicle;
The National Engineering Laboratory for Electric Vehicles (NELEV) of Beijing Institute of Technology

简介 / Introduction :

电动汽车安全技术是影响电动汽车大规模推广应用的关键因素之一，与传统汽车相比，电动汽车安全技术问题究竟涉及哪些内容，应该怎样去设计及防护都需要我们不断的去研究。总的来说，电动汽车的安全问题主要是整车高压安全问题和动力控制的安全问题，我们将从标准法规、动力电池材料机理、动力电池成组技术、充电安全技术、整车设计及高压安全等方面进行深入的研讨。

Electric vehicles (EVs) safety is one of the key factors affecting the large-scale application of EVs. Compared with conventional vehicles, EVs safety technology involves what exactly is the problem and how to design and protect it, that's all we need to study continually. This seminar will focus on EVs safety related to technology status and development direction, of which the topics on standards and regulations, battery material mechanism, battery pack technology, charging safety technology, vehicle design and high-voltage safety will conduct in-depth discussion.

日程 / Agenda:

主席 / Chairperson:
王震坡 教授 / Prof. Wang Zhenpo
北京理工大学
Beijing Institute of Technology

演讲嘉宾 / Speakers :

ISO26262 在电动汽车中的应用
ISO26262 Application in Electric Vehicles
赵斌 先生 / Mr. Zhao Bin
德国 TUV 中华区总经理
General Manager, TÜV Rheinland (China) Ltd.

先进动力电池材料安全技术
Advanced Power Battery Materials Safety Technology
陈文杰 教授 / Prof. Chen Wenjie
北京理工大学
Beijing Institute of Technology

题目待定
Topic to be Decided
Michael Miller 先生 / Mr. Michael Miller
里卡多中国混合及动力系统副总裁
Vice President, Hybrid & Electric Systems, Ricardo Shanghai

感应式无线充电安全技术
Safety of Wireless Charging with Inductive and Capacitive Power Transfer
Chris Mi 教授 / Prof. Chris Mi
美国圣地亚哥州立大学电气与计算机工程系主任
Professor and Chair, Department of Electrical and Computer Engineering, San Diego State University

电动汽车驱动系统安全问题及解决方案
Safety Problems and Solutions of Electric Motor Driving System in Electric Vehicles
Suleiman M Sharkh 教授
Prof. Suleiman M Sharkh
英国南安普顿大学
University of Southampton

电动汽车碰撞安全技术开发与应用
Development and Application of Crash Safety Technology for Electric Vehicle
赵会 博士 / Dr. Zhao Hui
长安汽车工程研究总院副院长
Vice President, Changan Global Research and Development Center

技术演讲（约 25 分钟 / 人，5 分钟问答）Technical Presentations (25 minutes each + 5min Q&A)
互动讨论 Panel discussion

S12：汽车风噪声测试、预测与控制技术
Wind Noise Testing, Prediction and Controlling Technology

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–17:30，北展厅 A7 会议室
13:30–17:30, Oct. 28, A7, North Exhibition Hall

协办单位 / Co-Organizer: 同济大学上海地面交通工具风洞中心
Shanghai Automotive Wind Tunnel Center, Tongji University

简介 / Introduction :

汽车行驶时产生的噪声主要由发动机动力传动系统噪声，轮胎路面噪声及空气动力噪声（风噪声）构成。市场调研结果表明，随着车行速度的提高，多数情况下风噪声已成为汽车噪声问题中顾客抱怨排在第一位的噪声源，因此风噪水平也是整车研发的一个重要控制指标。

随着技术进步，发动机噪声及轮胎路面噪声得到了较好的控制，而风噪声问题由于机理的复杂性而仍然面临着许多难点。本专题分会旨在深入探讨风噪声的测试、预测及控制方法的前沿技术，为整车风噪性能的开发提供有意义的启发及参考。

Noise produced from automobile basically comprises drivertrain noise, tire-road noise and wind noise. According to the market investigation result, wind noise becomes the most serious problem of NVH and ranks the first of customer's complaint in most cases as driving speed goes up. So wind noise is one of the most important controlling factor for whole vehicle development.

Up to now, engine noise and road-tire noise can be relatively better controlled in comparison with wind noise, while wind noise still faces many difficulties due to its complex mechanism. This session is to discuss deeply about the advanced techniques of wind noise testing, prediction and controlling methods, looking forward to providing meaningful reference and enlightenment for vehicle wind noise development.

议题 / Topics:

- 整车风噪开发流程
- 整车风噪测试技术及方法
- 整车风噪模拟计算方法及可靠性分析
- 整车风噪控制策略及方法
- Development procedure of vehicle wind noise
- Wind noise testing techniques
- Wind noise computational method and its reliability evaluation
- Wind noise controlling techniques

日程 / Agenda:

会议主席 / Moderator:
贺银芝 教授 / Prof. He Yinzhi
同济大学上海地面交通工具风洞中心
Shanghai Automotive Wind Tunnel Center, Tongji University

演讲嘉宾 / Speakers :

13:30–13:55
汽车风噪开发与挑战
Automobile Wind Noise Development
侯杭生 博士 / Dr. Hou Hangsheng
中国一汽技术中心研发中心技术总监
Technical Director, R&D Center, China FAW Co., Ltd.

13:55–14:20
汽车风噪性能开发
Development of Automotive Wind Noise Performance
郑学澜 先生 / Mr. Zheng Xuelan
泛亚汽车技术中心有限公司主任工程师
Chief Engineer, Pan Asia Technical Automotive Center Co., Ltd.

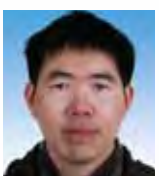
14:20–14:45
隔音中间膜的市场运用及分析
Market Application and Analysis of Sound-proof PVB Film
伊士曼（中国）投资管理有限公司
Eastman Chemical (China) Co., Ltd.

14:40–15:10
应对汽车风噪问题的挑战：先进的数值计算方法及成功案例
Overcoming the Challenges in Automotive Wind Noise Problems: Advanced Digital Solutions and Success Cases
Heinz Friz 先生 / Mr. Heinz Friz
Exa 公司亚洲区服务总经理
Managing Director Asia Services, Exa GmbH, Stuttgart, Germany

15:10–15:35
STAR-CCM+ 在噪声领域的应用
Acoustics Simulation in STAR-CCM+
冯金莉 女士 / Ms. Feng Jinli
CD-adapco 公司高级工程师
Senior Engineer, CD-adapco

15:35–16:00
车外后视镜造型对气动特性的影响与降噪（暂定）
Influence of Side View Mirror Shape on Aerodynamic and Aeroacoustic Characteristics of Automobile
陈鑫 教授 / Prof. Chen Xin
吉林大学
Jilin University

16:00–16:25
汽车风噪问题及其研究
Automobile Wind Noise Problems and Research
王毅刚 教授 / Prof. Wang Yigang
同济大学
Tongji University



16:25–16:50
汽车气动噪声数值仿真
Numerical Simulation on Automotive Aerodynamic Noise
李启良 教授 / Prof. Li Qiliang
同济大学副研究员
Associate Professor, Tongji University

16:50–17:30 互动讨论（约 40 分钟）Panel discussion (40 minutes)

S13: 车载网络技术
In-Vehicle Network Technology

时间及地点 / Date & Venue： 2015 年 10 月 28 日 13:30-17:40，2 楼多功能厅大会议室东
13:30-17:40 Oct. 28, Function Hall East, 2F, SAEC

简介 / Introduction :

车载网络技术已经成为汽车工业的核心技术之一。随着汽车研发正在向着智能、安全、环保、互联的方向发展，对车载网络技术提出了高速率、高带宽、高可靠性、低碳环保、统一标准的需求，符合新需求的以太网、CAN FD 等高速网络将会成为未来车载网络的主力军。

In-Vehicle network technology becomes one most important technology of vehicle industry. Automotive is developed accordingto the direction ofintelligence, safety, greens and interconnection, it requires higher speed, higher reliability, Lower energy consumption and unification in-vehicle network such as Ethernet, CAN FD and etc.

日程 / Agenda：

主席 / Chairperson:
刘启明 先生 / Mr. Liu Qiming
泛亚汽车技术中心有限公司总经理
President of Pan Asia Technique Automotive Center

主持嘉宾 / Moderator:
刘敏 女士 / Ms. Liu Min
泛亚汽车技术中心空调电子部高级经理
Electrical Department Senior Manager of Pan Asia Technique Automotive Center

演讲嘉宾 / Speakers :

题目待定
Topic to be Decided
Peter Liebscher 先生 / Mr. Peter Liebscher
Vector 公司总经理
President of Vector

题目待定
Topic to be Decided
顾晓莉 女士 / Miss GuXiaoLi
泛亚汽车网络经理
Serial data team manager of PATAC

题目待定
Topic to be Decided
钱华 先生 / Mr. Qian Hua
NXP 市场高级经理
Senior Marketing Manager of NXP

待定
更多演讲嘉宾正在邀请中
More speakers to be invited

形式 / Format:

技术演讲（约 30 分钟 / 人）Technical Presentations (30 minutes each)
互动讨论（约 30 分钟）Panel discussion (30 minutes)

S14：车内 VOC 测试方法及控制技术
Test Methods and Control Measures of Automobile VOCs

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–17:50，2 楼 1 号会议室
13:30–17:50, Oct. 28, Meeting Room 1, 2F, SAEC

协办单位 / Co-organizer: 上海卡达克汽车技术中心，宁波汽车零部件检测有限公司
Shanghai CATARC Automotive Research Center，Ningbo Automotive Component Testing CO., Ltd.

简介 / Introduction :

随着社会公众的环境意识和自我保护意识的不断提高，车内污染问题逐渐成为人们关注的焦点。国家早在 2012 年 3 月 1 日就颁布了《乘用车空气质量评价指南》，但实施效果甚微。随着车内空气质量状况日益严峻，该标准有望年内实行强制化。

本会议将围绕汽车内散发性有害气体的形成与危害，讨论 VOC 评价方法及改进方案，以帮助企业应对国家法规的要求。

In-car pollution has recently become the focus of car customers. China had published the standard—"Guide for evaluation of air quality in passenger cars " on March 1, 2012 to strictly restricted emissions of VOCs in passenger cars. However, there was little improvement since then. As the current in-car air quality's getting worse, the standard is expected to be compulsive this year.

The special session will give presentations and conduct discussions on VOC test methods and related regulations, to discuss possible solutions for controlling VOCs in car and give advices to help companies to meet the VOC national standards.

议题 / Topics:

- 汽车 VOC 管控与标准现状
- 汽车 VOC 测试评价方法
- 汽车 VOC 控制经验及改进方案
- 政府、企业、第三方机构等如何多方联动提升车内空气质量
- VOC management and control situations
- VOC test and assessment methods
- VOC control and improvement ways
- How to improve the in-car air quality by cooperation of the government, companies and third parties?

日程 / Agenda:

主席 / Chairperson:
杨旭东 教授 / Prof. Yang Xudong
清华大学
Tsinghua University

演讲嘉宾 / Speakers :

车内空气质量预评估及污染控制原理
Pre-assessment and Control Principles of Air Quality in Vehicle Cabins
杨旭东 教授 / Prof. Yang Xudong
清华大学
Tsinghua University

车内空气质量标准和控制技术的国内外发展动向
Oversea and DomesticDevelopment Trend of in-car Air Quality Standards and Control Technologies
葛蕴珊 教授 / Prof. Ge Yunshan
中国汽车工程学会理事，中国内燃机学会测试分会副主任委员
Director of SAE-China, Vice Chairman of Testing Section, CSICE

汽车挥性发性有机化合物的检测及控制研究
Detection and Control of volatile organic compounds in Vehicle
欧阳孟余 女士 / Ms. Ouyang Mengyu
宁波汽车零部件检测有限公司副主任
Vice Director, Ningbo Automotive Component Testing Co., Ltd.

整车企业如何应对 VOC 新法规带来的挑战
OEM Strategies to Meet Challenges of New VOC Regulations
顾鹏云 先生 / Mr. Perry Gu
吉利汽车研究院资深总工程师
Senior Chief Engineer, Geely Automobile Research Institute

上汽通用在车内空气质量控制的研究
VIAQ Control Studies in SGM
刘树文 先生 /Mr. Liu Shuwen
泛亚汽车技术中心有限公司材料工程高级经理
Senior Manager, Material Engineering, Pan Asia Technical Automobile Center

车内环境 VOC 污染清单及来源分析
Detected VOCs List and Sources Analysis in Interior Environment of Vehicle cabins
高鹏 先生 / Mr. Gao Peng
检科博华（北京）车内环境工程技术研究院有限公司技术总监
Technical Director, JianKeBoHua (Beijing) Vehicle Environment Engineering Technology Co., Ltd.

形式 / Format:

技术演讲（约 15–20 分钟 / 人）Technical Presentations (15 to 20 minutes each)
互动讨论（约 40 分钟）Panel discussion (40 minutes)

S15: 青年工程师论坛 – 空气动力学与汽车设计
Student & Young Engineers Forum: Aerodynamics & Vehicle Body Design

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–18:30，2 楼多功能厅大会议室
13:30–18:30, Oct. 28, Function Hall, 2F, SAEC

协办单位 / Co-organizer: 中国汽车工程学会技术教育分会
Technical Education Committee of SAE-China

简介 / Introduction :

中国大学生方程式汽车大赛（FSC）已经成功举办六届，是由中国汽车工程学会发起主办的人才培养平台。本年度参赛高校 76 所，参赛车队 102 支。

空气动力学对赛车的效率、动力性、稳定性等具有重要影响。本届论坛将邀请高校、企业的空气动力学专家，与 FSC 参赛车队共同交流。

As a talent-training platform launched and organized by SAE-China, Formula Student China (FSC) has been successfully held for six years. 102 teams from 76 colleges and universites were competing in this year's FSC.

Aerodynamics has a great impact on the efficiency, stability and dynamic performance of a racing car. This Forum will invite aerodynamic experts from universities and companies to communicate with student engineers of FSC racing teams.

日程 / Agenda:

主席 / Chairperson:
闫建来先生 /Mr. Yan Jianlai
中国大学生方程式汽车大赛组委会副主任，中国汽车工程学会副秘书长
Vice Director of FSC Organizing Committee, Deputy Secretary General, SAE-China

主持嘉宾 / Moderator:
高振海 教授 / Prof. Gao Zhenhai
吉林大学教授，中国汽车工程学会技术教育分会秘书长
Professor of Jilin University, Secretary General of Technical Education Committee of SAE-China

演讲嘉宾 / Speakers :

13:30–14:00
汽车风洞试验技术及应用
Wind Tunnel Test Technology and Application
庞加斌 /Pang Jiabin
同济大学
Tongji University

14:00–14:30
汽车 CFD 仿真技术及应用
Auto CFD Simulation Technology and Application
ANSYS 专家 / Expert from ANSYS

14:30–15:00
国外汽车空气动力学进展
Progress of Vehicle Aerodynamics outside China
孙少云 /Sun Shaoyun
一汽技术中心
China FAW R&D Center

15:00–15:30
汽车气动噪声仿真与控制
Simulation and Control of Vehicle Aerodynamic Noise
杨博 /Yang Bo
吉林大学
Jilin University

15:30–16:00
汽车气动减阻研究新进展
New Progress on Vehicle Aerodynamic Drag Reduction
尹章顺 /Yan Zhangshun
泛亚技术中心
PATAC

16:00–16:30
汽车空气动力学应用案例
Case Study on Vehile Aerodynamics
上海优秀车队代表
Representatives from Elite Racing Team in Shanghai

16:30–18:30 参观同济大学风洞实验室 / Visit to the Wind Tunnel Lab of Tongji University

S16：轮胎与车轮 NVH 技术
Tire and Wheel NVH Technology

时间及地点 / Date & Venue: 2015 年 10 月 29 日 09:00–11:00，北展厅 A7 会议室
09:00–11:00, Oct. 29, 2015, A7, North Exhibition Center

协办单位 / Co-organizer: 清华大学
Tsinghua University

简介 / Introduction :

轮胎与车轮是车辆和地面的唯一连接机构，轮胎隔离路面的振动与冲击保证车辆良好的乘坐舒适性、轮胎也提供汽车运动与操纵的各种力和力矩直接决定车辆的各种极限性能。特别地，轮胎的噪声直接影响车辆 NVH 特性，汽车速度超过 50km/h 以后轮胎噪声就成为主要的噪声源，对于电动车和新能源汽车而言，动力系统噪声的降低更突显轮胎噪声的重要性。本专题分会将集中讨论中国轮胎和车轮 NVH 技术问题。

Tire and wheel are only links between vehicle and road surface, which isolates the impact and vibration from the road surface guaranteeing the vehicle ride performance; and provides force and moments for vehicle motions determing the vehicle limiting performance. The performance of tires and wheels determine all kinds of behavior of vehicles, especially NVH characteristics. Tire noise dominates vehicle tire noises beyond 50km/h. For new energy vehicles, due to the reduction of the engine noise, the tire noise plays a much bigger role. This special session will focus on China tire and wheel NVH technology.

议题 / Topics:

- 轮胎和车轮的 NVH 性能在多大程度上影响汽车的 NVH 性能，如何调适?
- 轻量化车轮技术以及轮与胎间的匹配
- 如何设计与制造精品轮胎?
- 轮胎 – 车辆 NVH 集成与匹配中的关键问题
- To what extent tire NVH performance affects vehicle NVH behavior, and how to tuning it?
- Low noise, comfortable, lightweight wheel design, development and manufacturing.
- How to design and manufacture high performance low noise tires?
- Key techniques in tire-vehicle NVH matching?

日程 / Agenda:

主席 / Chairperson:
危银涛 教授 / Prof. Wei Yintao
清华大学汽车工程系
Department of Automotive Engineering, Tsinghua University

演讲嘉宾 / Speakers:

09:00–09:25
原装车辆轮胎的设计
Tire Design for OEM Vehicle
许叔亮 博士 / Dr. Xu Shuliang
米其林（中国）投资有限公司工业标准与政府法规部总监
Director, Industry Standard & Government Regulation, Michelin（China）Investment Co., Ltd.

09:25–09:50
轻量化车轮技术以及轮与胎间的匹配
Lightweighting Technology of Vehicle Wheel and Match between Wheel and Tire
刘献栋 教授 / Prof. Liu Xiandong
北京航空航天大学教授 / 博导
Professor & PHD Supervisor, Beihang University

09:50–10:15
轮胎整体性能的目标设计与分析技术
Target Design and Analysis of the Overall Performance of Tire
王友善 教授 / Prof. Wang Youshan
哈尔滨工业大学教授 / 博导
Professor & PHD Supervisor, Harbin Institute of Technology

10:15–10:40
轮胎精准制造与汽车 NVH
Tire Precise Manufacturing and Vehicle NVH
夏训茂 博士 / Dr. Xia Xunmao
“千人计划”学者，轮胎业资深专家
Scholar of "Thousand Talents Program", Senior Tire Expert

10:40–11:00 互动讨论 Panel Discussion

V01：先进驾驶辅助系统 ADAS
Advanced Driving Assist System

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–17:40，博物馆 4 楼
13:30–17:40, Oct. 27, 4F, Museum

协办单位 / Co-organizer: 清华大学苏州研究院
Suzhou Research Institute, Tsinghua University

简介 / Introduction:

近几年车路 / 车车通讯技术得到了快速发展，国内外都在积极开展基于 V2V/V2I 的协同式驾驶辅助系统的研究。本分会将邀请从事先进驾驶辅助系统研究的国内外知名专家，围绕协同式驾驶辅助系统的关键技术进行交流，主要针对基于 V2V/V2I 的交通环境感知、安全决策、车辆控制、示范应用等内容展开。

In recent years, car-road/road-road communication technology has been rapid developed. The cooperative driving assistant system based on V2V / V2I are actively carried out at home and abroad. This meeting will invite many well-known experts who engage in advanced driver assistance system to join and talk about the key technology of cooperative driving assistant system. The content will expand on traffic environment sensing and security decisions, vehicle control, demonstration and application which are based on V2V / V2I.

议题 /Topics:

- 目前在该领域都的最新技术成果有哪些?
- 在技术研发和应用层面面临什么挑战?
- 未来先进驾驶辅助系统的发展趋势如何?

- What are the latest technological achievements in the field currently?
- What are the challenges faced in the technology research and application level?
- What is the development trend of future advanced driver assistance system?

日程 / Agenda:

主席 / Chairperson:
成波 教授 / Prof. Cheng Bo
清华大学苏州汽车研究院院长
President, Suzhou Research Institute, Tsinghua University

主持嘉宾 /Moderator
王建强 副教授
Asso. Professor Wang Jianqiang
清华大学汽车工程系
Department of Automotive Engineering of Tsinghua University

演讲嘉宾 / Speakers：

13:30–13:50
ITS-A00 时空模式的建模及其在智能出行助手的应用
ITS-A00 Modelling and Use of Spatio-Temporal Patterns for Intelligent Mobility Assistants
迈克 · 卡格 博士 / Dr. Michael Karg
宝马集团交通管理部
Traffic Management, BMW Group

13:50–14:10
题目待定
Topic to be Decided
大陆集团
Continental

14:10–14:30
题目待定
Topic to be Decided
博世集团

14:30–14:50
基于车路协同的安全车速引导方法研究
nduced Velocity for Safe Driving based on Intelligent Vehicle Infrastructure Cooperative System
吴超仲 教授 / Prof. Chaozhong Wu
武汉理工大学智能交通系统研究中心主任
Director of Intelligent Transport System Research Center, Wuhan University of Technology.

14:50–15:10
给用户良好体验的驾驶辅助系统——拟人的驾驶辅助控制方法
Driver-Assistance System for Good User Experience—A Driving-Aided Control Method Considering Hunman Behavior
鲁光泉 副教授 / Asso.Prof. Lu Guangquan
北京航空航天大学交通科学与工程学院副院长
Vice Dean, School of Transportation Science and Engineering, Beihang University

15:10–15:30
长安协同式辅助驾驶技术研发进展
Advance of Changan ADAS Based on V2X technology
孔凡忠 博士 / Dr. Kong Fanzhong
长安汽车工程研究总院副院长
Vice President, Changan Auto Global R&D Center

15:50–16:10
高度驾驶辅助系统的现在和未来
Current Situation and Future Trend of Advanced Driver Assistant System
小高贤二 先生 / Mr. KENJI KODAKA
本田技研技术研究所四轮研发中心主任工程师
Chief Engineer, Honda R&D Co.,Ltd. Tochigi R&D Center

16:10–16:30
CATARC 对主动安全测试技术的探索
Active Safety Performance Testing in CATARC
龚进峰 博士 / Dr. Gong Jinfeng
中国汽车技术研究中心汽车工程研究院副院长
Vice president, Automotive Engineering Research Institute,CATARC

16:30–17:40 互动讨论 / Panel Discussion

V02：大数据下的思维与思路：智能汽车与智慧出行
Thought under big date: Intelligent Vehicles and Intelligent Transportation

时间及地点 / Date & Venue: 2015 年 10 月 27 日 13:30–15:40，博物馆 5 楼综合会议室
13:30–15:40, Oct. 27, Auditorium, 5F, Museum

协办单位 / Co-organizer: 吉林大学汽车研究院
Automobile Research Institute ,Jilin University.

简介 / Introduction:

汽车产业的高速发展和汽车保有量的激增与我国城镇化建设、交通管理、空气污染治理等的矛盾日益加剧，给人们出行和城市发展、乃至于经济、社会和环境的可持续发展带来了严峻的挑战，也严重阻碍了汽车工业的持续健康发展。汽车限行限购不仅不可能从根本上解决交通面临的困境，而且有悖于民众的出行需求、市场经济的理念和汽车产业发展的大局。

本专题拟就此热点问题展开深入且广泛的讨论，以大数据的思维审视大数据的价值、分析大数据背后的本质和规律、探寻大数据驱动下的智能汽车发展和智慧出行新的思路，优化资源配置，消除信息和需求的不对称，以构建基于智能汽车、移动互联网、大数据和云计算技术下的高度和谐人、车、路和社会一体化的新型智能交通系统和智慧出行模式。

Rapid development of automotive industry and sharp increase of car ownership producea wealth of problems to the urbanization construction, traffic management and air pollution control, and the contradiction is intensifying progressively. This brings great challenge to people travelling and urban development, even the sustainable development of economy, society and environment.Also, it hinders the sustainable and healthy development of automotive industry seriously. Restrictions of travelling and purchase will fail to solve the dilemma that faced by traffic fundamentally on the one hand, and on the other hand, it is contrary to the travelling needs of people, concept of market economy and situation of automotive industry development.

This thematic chapter will focus on this hotspot, deep and extensive discussion will be conducted. We will take the thinking of Big Data to review its value, analyze the nature and laws behind it, explore new idea of intelligent vehicle development and smart traveling that driven by Big Data, optimize resources allocation, and eliminate asymmetry between information and requirements. When these goals are fulfilled, new intelligent transport system and smart travelling pattern with high harmony of people-vehicle-road and social integration will be established, which is based on the intelligent vehicle, mobile Internet, Big Data and cloud computing technology.

议题 /Topics:

- 大数据驱动下的智能汽车发展；
- 智能汽车、移动互联网、大数据和云计算技术的融合模式；
- 智能交通系统和智慧出行模式。

- Intelligent vehicle development and smart traveling driven by Big Data;
- Fusion model among intelligent vehicle, mobile Internet, Big Data and cloud computing technology;
- Intelligent transport system and smart travelling.

日程 / Agenda:

主持嘉宾 / Moderator:
邓伟文 教授 / Prof. Deng Weiwen
吉林大学汽车研究院常务副院长
Executive Vice President of Automobile Research Institute , Jilin University.

演讲嘉宾 / Speakers：

13:30–13:50
依托开放车联网云平台，共同推进以用户为中心、安全、高效交通的发展（待定）
To Promote a Safe and Efficient Mobility based on an Open Cloud Platform of Intelligent and Connected Vehicles
陈维 博士 / Dr. Chen Wei
中国移动研究院首席科学家，中国移动物联网研究院院长
Chief Scientist, China Mobile Research Institute
General Manager, China Mobile Internet-of-Things Research Institute

13:50–14:10
题目待定
Topic to be Decided
黎予生 博士 / Dr. Li Yusheng
长安汽车研究院总工程师
Chief Engineer of Chang'an Automobile Research Institute

14:10–14:30
城市智能“信息轨”道路交通开创智慧出行新纪元
A New Age of the Smart City Mobility Based on “Rails” Supported by Internet
潘之杰 教授 / Pro. Pan Zhijie
浙江大学智能汽车研究中心，主任
Head of Intelligent Vehicle Research Center, Zhejiang University .

14:30–14:50
自动驾驶的大脑系统
Brain System of Automatic Driving
余凯 先生 / Mr. Yu Kai
地平线机器人技术，创始人 &CEO
Founder&CEO, Horizon Robotics Incorporated

14:50–15:10
大数据时代的智能交通管理系统
Intelligent Traffic Management Systems under big Data
甄爱武 先生 / Mr. Zhen Aiwu
北京易华录信息技术股份有限公司副总裁
Executive Vice President of Beijing E-Hualu Information Technology Corp.

15:10–15:40 互动讨论 / Panel Discussion

V03：网联技术连接车辆未来
The Future of Network-connected Vehicles

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30-15:30，博物馆 4 楼
13:30-15:30, Oct. 28, 4F, Museum

简介 / Introduction:

网联技术的巨大潜力已经被世界范围内大量的车载通信系统实验项目所证实，例如美国与欧洲的多家 V2V/V2I 项目，日本的 Smartway 和先进车辆安全项目。国际上关于车载通信与网络标准的制定也在积极进行中，比如美国 SAE 的 ISO TC204， IEEE（802.11p 和 1609.X），CCSA 和 C-ITS 在中国的 LTE-V，欧洲的 ETSI TC ITS 和日本的 ARIB T-75。

全球各国政府与汽车制造商已经认可网联车辆在安全与非安全应用场景内的价值；所以，网联技术已经成熟地从实验室步入到实地试验中，这些网联车辆产品已经正在为上路着手进行校验性和互用性测试

经过长达 10 年的逐步研究与测试，网联汽车技术正步入现实。产业界与学术界都开始思考网联汽车技术的全球发展趋势和中国市场的下一步。

The great potential of connected vehicle technology has been acknowledged with the establishment of ambitious research programs on vehicular communication systems worldwide, such as various V2V/V2I projects in US and Europe, and the Japanese Smartway and Advanced Safety Vehicle programs. Vehicular communication and networking also present an active field of standardization activities worldwide, such as ISO TC204, IEEE (802.11p and 1609.x) and SAE in the US, CCSA and C-ITS (LTE-V) in China, ETSI TC ITS in Europe and ARIB T-75 in Japan.

Governments and carmakers across the globe has recognized the value of Network-connected Vehicles in both safety and non-safety application space; therefore, as the technology has grown into maturity and moved from laboratory into reality, these connected vehicle products are starting to hit the road for validation and interoperability testing.

While the connected vehicle technology is gradually taking shape to become reality after a decade of research works, both industry and academic communities are starting to thinking about the next step of this connected vehicle technology trend in the globe and as well as in the Chinese market.

议题 / Topics:

- 找出现存网联汽车技术的差距、障碍和商业化计划
- 概述下一代车载网络的未来研究方向和议程
- 了解这项技术在中国市场的意义，并为中国市场制定下一步行动方案

- Identifying the gaps, obstacles and action plan in commercializing the existing connected vehicle technology
- Outlining future research directions and agenda for next - generation vehicular networks
- Understanding the implication of this technology in Chinese market and laying out the next-step action items for Chinese market

日程 / Agenda:

主持嘉宾 / Moderator:
杜江凌 博士 / Dr. John Du
通用汽车中国科学研究院院长
Director, China Science Lab., General Motors

演讲嘉宾 / Speakers:

13:30-13:50
V2X 行业分析及其在中国的落地建议
V2X Industry Analysis and Proposal of landing in China
刘振春 先生 / Mr. Johnson Liu
德尔福（中国）科技研发中心
车联网 / 智驾事业部总监
Director, SSM, Delphi CTC

13:50-14:10
LTE-V: 一种网络辅助的 V2X 通信技术
LTE-V: A Cellular-Assisted V2X Communication Technology
甘剑松 博士 / Dr. Gan Jiansong
华为技术有限公司无线技术专家，
车联网研究与标准负责人
Technical expert for Wireless Communication at Huawei technologies CO., LTD, responsible for connected car research and standardization

14:10-14:30
V2X：塑造汽车工业的未来
V2X: Shaping the Future of Auto Industry
邓伟文 教授 / Prof. Deng Weiwen
吉林大学汽车研究院常务副院长
Executive Vice President of Automobile Research Institute , Jilin University.

14:30-14:50
云、车高效协同，推动汽车信息服务发展
Efficient Collaboration of Cloud and Vehicle to push forward the Vehicle IT service Development
陈维 博士 / Dr. Chen Wei
中国移动研究院首席科学家，中国移动物联网研究院院长
Chief Scientist, China Mobile Research Institute
General Manager, China Mobile Internet-of-Things Research Institute

14:50-15:30 互动讨论 / Panel Discussion

V04：中日韩汽车论坛—智能网联汽车的发展与展望
CJK Forum: The Development and Prospect of Intelligent and Connected Vehicles

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–15:30，博物馆 5 楼综合会议室
13:30–15:30 Oct. 28, Auditorium, 5F, Museum

协办单位 /Co-organizers： 日本汽车工程学会，韩国汽车工程学会
JSAE, KSAE

简介 / Introduction:

汽车产业是当今时代世界经济的重要产业，近年来，新一轮科技革命和产业革命正向纵深发展，以互联网为代表的新一代信息技术与汽车产业的加速融合推动了汽车产品形态和分布的深刻变革，汽车已开始向大型移动智能终端的方向演变。汽车、信息、互联网等行业企业研究院所高校及各国政府纷纷加大对智能网联汽车发展的部署，产业发展呈现新的发展方向和趋势。

在此背景下，传统汽车企业纷纷加快智能汽车的发展，大型互联网企业纷纷加速向智能汽车产业渗透和布局，汽车产业价值链正在智能化的推动下加快重塑。本专题拟就此热点问题展开深入且广泛的讨论，着重关注议题包括中日韩三国政府及相关企业如何推动智能网联汽车的发展，在技术、应用、政策及法律等方面进展如何，如何看待智能网联汽车的未来发展趋势等。

Automobile has been one of the pillar industries in the global economy. In recent years, a new round of technical and industrial revolution are developing in depth, witnessing profound changes brought by the fast integration between automotive industry and new-generation of Internet technology represented by Internet in the aspects of product forms and distribution. Vehicles have begun to evolve to be large-scale mobile intelligent terminals. Governments, carcompanies, research institutes, universities, and their counterparts in IT and communication fields, have all increased their efforts in deploying the development of intelligent and connected vehicles. We have seen new directions and trends in this particular field.

With this background, traditional car companies are quickening steps to develop intelligent vehicles, while the giant IT companies are accelerating to penetrate into this field. As a result, the value chain of automotive industry is being reshaped rapidly by the intelligentization cause. Focusing on this hot issue, the special session will conduct extensive and in-depth discussions on specific topics listed below.

议题 / Topics:

- 中日韩三国政府及相关企业如何推动智能网联汽车的发展；
- 智能网联汽车在技术、应用、政策及法律等方面进展如何；
- 如何看待智能网联汽车的未来发展趋势。

- Ways to promote the development of intelligent and connected vehicles by companies and governments in the three countries;
- Progress in the aspects of technology, application, policy and law;
- Development trend of intelligent and connected vehicles in the future.

拟邀请演讲和互动嘉宾 / Speakers intended to invite:

李克强 教授，清华大学汽车工程系
日本专家 2 人（具体人选待定）
韩国专家 1 人（具体人选待定）
Prof. Li Keqiang, Head of Department of Automotive Engineering, Tsinghua University
Two speakers from Japan, and one from Korea.

形式 / Format:

嘉宾演讲（约 20 分钟 / 人）4–5 人
互动讨论（约 30–40 分钟）
Technical Presentations(about 20 minutes each)
Panel Discussion (about 30-40 minutes)

V05：车联网基础共性平台建设
Generic Fundament Platform of Intelligent and Connected Vehicles

时间及地点 / Date & Venue: 2015 年 10 月 28 日 15:50–17:50，博物馆 4 楼
15:50–17:50, Oct. 28, 4F, Museum

协办单位 / Co-organizer: 清华大学苏州研究院
Suzhou Research Institute, Tsinghua Universit

简介 / Introduction:

平台是车联网系统的信息汇聚与交互中心，是实现各类智能网联应用的基础，在车联网“端－管－云”体系中具有核心支撑作用。本分会将邀请来自国内外汽车、通信、互联网等各相关领域专家共同探讨智能网联汽车平台的基础共性技术，包括平台技术架构、应用服务架构、大数据高效存储与检索技术、数据分析与挖掘技术、云操作系统、平台安全认证技术等，并讨论平台接口开放与数据共享、平台接口与数据标准、以及我国智能网联汽车基础数据交互平台建设等内容。

Platform is the information gathering and interaction center of Internet of Vehicles, it is the basis to achieve application of all kinds of intelligent network linked, and also, it possesses core supporting role in “Terminal - Management – Cloud” system. This thematic chapter will invite the relevant experts in automotive, communication, network fields from home and abroad to discuss basic common technology of intelligent and connected vehicle platform, which includes platform technology architecture, application service architecture, efficient storage and retrieval technology of big data, data analysis and mining technology, cloud operating system, platform security authentication technology and so on. Meanwhile, platform interface open and data sharing, platform interface and data standards, and basic data exchange platform establishment of intelligent and connected vehicles will also be discussed.

议题 /Topics:

- 智能网联汽车平台的基础共性技术；
- 智能网联汽车平台的接口协议与数据标准；
- 我国智能网联汽车基础数据交互平台建设。

- Basic common technology of intelligent and connected vehicles platform;
- Interface protocol and data standards of intelligent and connected vehicles platform;
- Basic data exchange platform establishment of intelligent and connected vehicles.

日程 / Agenda:

主持 / Moderator:
戴一凡博士 / Dr. Dai Yiifan
清华大学苏州汽车研究院
Suzhou Research Institute,Tsinghua University

演讲嘉宾 / Speakers：

15:50–16:10
题目待定
Topic to be Decided
辛克铎 先生 / Mr. Xin Keduo
中国联合网络通信有限公司集团客户事业部，副总经理
Deputy General Manager, Corporate Customer Department, China United Network Communication Co., Ltd. ,

16:10–16:30
智能驾驶汽车的车联网信息融合需求
IOV Information Fusion Demand of Intelligent Driving Vehicle
刘秋铮 先生 / Mr. Liu Qiuzheng
一汽技术中心 汽车电子部 控制开发三室 , 主任工程师
Chief Engineer, Control Development 3rd Section, Automotive Electronics Department,Research and Development Center, China FAW

16:30–16:50
利用 ICT 技术构造智能网联汽车基础平台
Smart mobility infrastructure construction with ICT technology
金坚敏 先生 / Mr. Jin Jianmin
富士通综合研究所 , 经济研究所 , 主席研究员
Senior Fellow, Economic Research Center, Fujitsu Research Institute

16:50–17:10
开放式车联网服务平台基本构架与技术标准
Basic Framework and Technology Standards for Open Vehicle Networking Service Platform
张林 博士 / Dr. Zhang Lin
深圳市车音网科技有限公司，首席科学家
Chief Scientist, Cheyin Web Technology Co., Ltd. of Shen Zhen

17:10–17:50 互动讨论 /Panel Discussion

V06：美国车联网技术与产业发展的启示
Inspiration of American Intelligent and Connected Vehicles and Industry Development

时间及地点 / Date & Venue: 2015 年 10 月 28 日 15:50–17:50， 博物馆 5 楼综合会议室
15:50–17:50 Oct. 28, Auditorium, 5F, Museum

协办单位 / Co-organizer: 北美华人汽车工程师协会
NACSAE (North America Chinese Society of Automotive Engineers)

简介 / Introduction:

美国车联网技术经历了十余年的发展，从辅助驾驶、智能驾驶、规避危险、信息互换、安全舒适、节能减排等领域都有相当的进展和产业化。其中感知技术、无缝移动通讯、商用车通讯、精准导航、IVHS 信息平台和自驾驶等技术都相继取得关键性地进展。

本专题侧重于美国主流制造商通用和福特汽车公司与密歇根大学 MTC 在车联网领域的技术进展以及未来发展趋势。邀请海外专家从技术和产业等不同视角介绍美国车联网的关键技术发展现状，特别是 MTC/Mciti 相关的发展。

Connected vehicle technologies have evolved in the last decades significantly. The key technical areas including driver assistance, automated driving, defensive driving, vehicle to vehicle communication, safe& comfort, energy saving have witnessed major progress from concept to production.

This special session focuses on the connected vehicle technical progress and trend of major US automotive manufacturers and University of Michigan MTC. By inviting internationally recognized experts, key technology development status of American vehicle networking technology from different perspectives and industries, especially MTC / Mciti related development will be introduced and presented.

日程 / Agenda:

主持嘉宾 / Moderator:
董愚 博士 / Dr. YuDong
北美华人汽车工程师协会副会长
Vice-president, NACSAE

演讲嘉宾 / Speakers:

15:50–16:10
美国密歇根 V2X 项目进展
Status of the Deployment of V2X in Michigan and Elsewhere in the United States
詹姆斯·赛叶 博士 /Dr. James R. Sayer
美国交通部网联与安全示范项目首席研究员
Primary designer of Mcity, University of Michigan

16:10–16:30
美国智能汽车产业化面临的挑战
Challenge of Intelligent Vehicle
吕建波 博士 / Dr. Lv Jianbo
美国福特汽车公司技术专家
Technical Expert, Ford Motor Company

16:30–16:50
自驾系统核心传感技术进展
Sensing and Perception Technologies for Automated Driving
张文德 博士 / Dr. Wende Zhang
美国通用汽车公司 BFO
BFO of Viewing Systems, General Motors

16:50–17:10
智能网联汽车的机遇及挑战
Opportunities and Challenges for Connected Automation Systems
杨殿阁 教授 / Prof. Yang Diange
清华大学汽车工程系教授、博导；
美国密西根大学客座教授、MTC 合作者
Professor ofTsinghua University, Scholar and Co-Researcher of Univ. of Michigan

17:10–17:50 互动讨论 Panel Discussion

V07：智能网联汽车运行示范区建设
Demonstration Area Construction of Intelligent and Connected Vehicles

时间及地点 / Date & Venue: 2015 年 10 月 29 日 09:00-11:0013:30-17:50，北展厅 A2 会议室
09:00-11:00 Oct.29, A2, North Exhibition Hall

协办单位 / Co-organizer: 同济大学
Tongji University

简介 / Introduction:

如今，智能网联技术作为企业发展技术路线战略已被国内外整车厂、零部件企业及科技公司着重部署。相关技术已经被多次验证为汽车发展的下一个重点方向。作为全球最大的汽车生产国和消费国，中国智能网联汽车技术的发展将势在必行。相关概念、样机及产品的陆续出台使我们意识到统一的应用场景、测试环境及标准制定迫在眉睫。

为充分了解和验证智能网联汽车对行车安全、节约燃油以及便捷驾驶的作用，智能网联汽车示范区域及其类似项目已在全世界多处建立。这些示范项目对于我国智能网联汽车发展的启示何在？如何推动我国智能网联汽车示范基地建设？本专题分会将邀请国内外专家学者就以上智能网联汽车示范区相关问题展开综述。

Nowadays, intelligent and connected technology, as technical development strategy route, had been significantly deployed by domestic and foreign car industries, OEMs and IT companies. Related technologies have been repeatedly proved valid for next important generation of developing trend. As the world's largest auto producer and consumer, the development of China's intelligent and connected technology will be imperative. Concept, prototype and market-ready product are coming out one after another, which made us realize the unified application scenarios, test environment and standards are imminent.

To fully understand and validate intelligent and connected vehicles have a positive impact on driving safety, fuel efficient and convenience, intelligent and connected vehicle demonstration area and similar projects have been set up in many places all over the world. What could we learn from these demonstration sites? How to promote our intelligent and connected vehicle demonstration area? This special session will invite expert and scholar home and abroad to discuss related questions.

议题 / Topics:

- 示范区对智能网联汽车技术发展的作用。
- 区域场地测试的结果及数据分析，对于安全及节能领域的贡献。
- 出现的问题及未来部署的借鉴意义。
- 示范区的下一步规划及标准制定。

- The positive impact from demonstration area
- Analyzation from the report and data, contributions to safety and energy-saving
- Lessons and experience learned and suggestions for future deployment
- The next step of the demonstration area and plans of policy and standards

日程 / Agenda:

主持嘉宾 / Moderator:
朱西产 教授 / Prof. Zhu Xichan
同济大学
Tongji University

拟邀请嘉宾 / Speakers to invite:

詹姆斯·赛叶 博士 /Dr. James R. Sayer
美国交通部网联与安全示范项目首席研究员
Primary designer of Mcity, University of Michigan

沃尔沃专家
Expert from Volvo

荣伟文 先生 / Mr. Rong Weiwen
上海国际汽车城总经理
General Manager, Shanghai International Automobile City

邱少波 先生 / Mr. Qiu Shaobo
一汽技术中心车辆安全与智能驾驶技术总监
Technical Director, Vehicle Safety and Intelligent Driving, FAW R&D Center

李克强 教授 / Prof. Li Keqiang
清华大学汽车工程系主任
Head of Department of Automotive Engineering, Tsinghua University

余卓平 教授 / Prof. Yu Zhuoping
同济大学校长助理，汽车学院院长
Assistant President, Dean of School of Automotive Studies, Tongji Univeristy

V08：零伤亡愿景——没有人应该在车祸中死亡
Vision Zero – Nobody Should be Killed by Vehicle

时间及地点 / Date & Venue: 2015 年 10 月 29 日 09:00–11:00，北展厅 A3 会议室
09:00–11:00 Oct. 29, A3, North Exhibition Hall

简介 / Introduction:

零伤亡愿景是瑞典在道路安全方向思考的一项尝试，它可以用一句话来概括：当损失不涉及到生命时是可以接受的。零伤亡愿景的尝试已经被证明是非常成功的。2012 年，由瑞典国家企管，能源与通信部门与中华人民共和国交通运输部统一建立的中瑞联合交通安全研究中心 CTS 正式成立。其使命为“提供世界级的交通安全研究，旨在减少中国交通事故和人员伤亡。”

CTS 的第一阶段包含几个由中国与瑞典协同完成的项目，目前已经完成并着手进入第二阶段。目前，CTS 的中方合作方为交通运输部公路科学研究院与同济大学，瑞典合作方为查尔姆斯理工大学、沃尔沃汽车和沃尔沃集团。

本专题分会将由瑞典汽车产学界及交通监管部门汇报关于如何减少交通中致命事故所总结出的经验及对智能网联汽车在中国和瑞典如何有助于提高交通安全的讨论。CTS 项目的参与方都将参与到小组讨论中，与高水平的专家分享所知。

The Vision Zero is the Swedish approach to road safety thinking. It can be summarised in one sentence: No loss of life is acceptable. The Vision Zero approach has proven highly successful In year 2012, The Ministry of Enterprise, Energy and Communications of Sweden and the Ministry of Transport of the Peoples Republic of China agreed to establish a joint China-Sweden Research Centre for Traffic Safety - CTS. The vision for CTS is “To deliver world-class traffic safety research that reduces traffic accidents and casualties with a focus on China”.

The first phase of the CTS, including several collaborative Swedish/Chinese projects, has passed and a second phase has just started. Presently, the Chinese partners of CTS are RIOH and Tongji University and the Swedish partners are Chalmers University of Technology, Volvo Cars and Volvo AB.

The special session will in 5 speeches present different experiences from Swedish industry, academy and traffic authorities on the challenges in eliminating fatal accidents in road traffic and the session will have a concluding, forward looking discussion on how intelligent and connected vehicles can contribute to enhanced traffic safety, in Sweden and in China. The CTS partners will all participate in the panel with high level experts and share their knowledge.

议题 / Topics:

- 对于设立类似于零伤亡愿景的项目，瑞典的经验是什么；选择了哪种方法，可以学习到的经验是什么?
- 把零伤亡愿景带到中国可行吗？距离为多远？哪种方法？智能汽车设计的作用是什么?
- 基于瑞典与中国的不同，我们近期应关注哪些?
- What is the Swedish experience on setting a goal like Vision Zero: what approaches has been chosen and what lessons can be learned?
- Is it possible to promote the Vision Zero in China? How far is the distance and what approaches are promising? What is the role of intelligent vehicle design?
- The differences between Sweden and China, what should be focused near term?

拟邀主持嘉宾 / Proposed Moderator:
陈芳 博士 / Dr. Fang Chen
副教授，瑞典查尔姆斯理工大学交通安全中心
Associate professor, SAFER vehicle and traffic Safety Centre at Chalmers, Sweden

演讲嘉宾 / Speakers:

沃尔沃汽车交通事故现场数据收集
Traffic Accident Field Data collection at Volvo Cars
John-Fredrik Grönvall
现场数据高级研发工程师
Senior Research Engineer, Field Data

收集自然驾驶数据的方法
Methodology for Collecting Naturalistic Driving Data
Helena Gellerman
SAFER 测试现场经理
Area Manager FOT/NDS, SAFER

零伤亡愿景和瑞典政府与汽车产业间的合作需求
Vision Zero and the need for co-operation between industry and governmental authorities in Sweden.
Johan Strandroth
瑞典交通部交通安全分析师
Traffic Safety Analyst, Swedish Transport Administration

亚洲道路安全现状和对中国的启示
Status of road safety in Asia and implications for ways forward in China
Anna Nilsson-Ehle
SAFER 项目主管
Director, SAFER

交通部公路院实践 -- 零伤亡愿景在中国的转移和应用
Transfer and Apply Vision Zero Initiative in China- RIOH Practices
陈永生 / Chen Yongsheng
交通部公路科学研究院首席研究员
Chief Research Scientist, Ministry of Transport Research Institute of Highway (RIOH)

V09：智能驾驶辅助系统 IDAS
Intelligent Driving Assist System

时间及地点 / Date & Venue: 2015 年 10 月 29 日 09:00–11:00，北展厅 A1 会议室
09:00–11:00, Oct. 29, A1, North Exhibition Hall

协办单位 / Co-organizer: 吉林大学
Jilin University

简介 / Introduction:

近几年，随着汽车智能化及电子化的快速发展，具备安全感知、主动避险等功能的智能驾驶辅助系统成为汽车市场中最有潜力的细分板块，可带来千亿量级的市场增量。同时，行车安全局势日益严峻，消费需求日益提升，这些都促使汽车智能电子设备进行人性化设计，并逐渐向多元化、高端化以及精锐化方向发展。

本分会将邀请从事智能驾驶辅助系统研究与开发的国内外知名专家，重点围绕智能驾驶辅助系统的关键技术进行交流，针对驾驶智能感知、车载智能平台、人机智能交互等核心内容展开讨论，让汽车更智能地理解人的真实需求，提升驾乘体验。

In recent years, with the rapid development of intelligentization and electronization, Intelligent Driving Assist System (IDAS) with functions such as safety recognition and active safety has already become the micro-segment of the greatest potential in the car market, bringing trillions of added market value. Meanwhile, safety has become an increasingly stringent concern with rising demandes from customers. As a result, vehicle intelligent electronic devices are required to be designed from a user-friendly angle, and are developing to be more diversified, high-end and elite.

This session will invite renowned experts specialized in IDAS R&D home and abroad, and conduct an in-depth discussion centering key IDAS technologies. Communication wil focus on core context such as intelligent driving recognition, in-vehicle intelligent platform, intelligent man-machine interaction, in the hope to enhance driving experience by helping vehicle better understand the demande of its customers.

议题 /Topics:

- 目前在该领域都的最新技术成果有哪些?
- 在技术研发和应用层面面临什么挑战?
- 未来智能驾驶辅助系统的发展趋势如何?
- What are the latest technical achievements in the IDAS area?
- What are the challenges in aspects of technical R&D and application?
- What are the future trend for IDAS technology?

日程 / Agenda:

拟邀请主席 / Chairperson:
高振海 教授 / Prof. Gao Zhenhai
吉林大学汽车工程学院副院长
Deputy Dean of School of Automotive Engineering, Jilin University

拟邀请演讲嘉宾 / Speakers to invite:

短距驾驶辅助系统——自动泊车及其他先进功能
Near Field Driver Assistance Systems: Autonomous Parking and Other Advanced Features
麦格纳汽车技术（上海）有限公司
Magna Automotive Technology and Service (Shanghai) Co., Ltd.

驾驶辅助系统和自动驾驶
ADAS and Autonomous Driving
艾尔维汽车工程技术（上海）有限公司
IAV Automotive Engineering (Shanghai) Co., Ltd.

智能化驾驶舱—TI 汽车应用处理器帮助中国客户实现 ADAS 与 Infotainment 的融合
Digital Cockpit – TI Automotive Processor Technology Accelerates the Fusion of ADAS and Infotainment
德州仪器半导体技术（上海）有限公司
Texas Instruments Semiconductor Technologies (Shanghai) Co., Ltd.

人工智能，让智能汽车“语”众不同
Artificial Intelligence, Let the intelligent car “Speak” Differently
科大讯飞股份有限公司
IFLYTEK CO.,Ltd.

形式 Format:

技术演讲（约 20 分钟 / 人）Technical Presentaion (about 20 minutes each)
互动讨论 Panel Discussion

T01：车辆动力学 10 月 27 日下午 / 北展厅 A2 会议室		
10 月 27 日	会议主席：郭孔辉 院士，中国工程院院士、吉林大学汽车工程学院名誉院长 管欣 教授，吉林大学汽车研究院院长	
	16:00–16:15	2015CG–CI014：汽车制动系统仿真设计 – 王健，华晨汽车工程研究院
	16:15–16:30	2015CG–CI029：基于 ADAMS 的 7m 客车前独立悬架优化和设计 – 柳超，中国第一汽车股份有限公司技术中心
	16:30–16:45	2015CG–PP023：汽车质量及质心估算研究 – 王靖，重庆长安汽车股份有限公司商用车事业部
	16:45–17:00	2015CG–PP053：整车性能衰减研究 – 吴昌威，重庆长安汽车股份有限公司
	17:00–17:15	2015CG–PP058：基于整车平台模块化的 动力总成应用设计分析和思考 – 潘月军，上海汽车集团股份有限公司技术中心
	17:15–17:30	2015CG–PP064：基于 ADAMS 的电动车悬架优化设计 – 邬喜亮，同济汽车设计研究院有限公司

T01: Vehicle Dynamics Oct. 27 PM / A2, NEH		
Oct. 27	Chairman: Prof. Guo Konghui. CAE Academician, Honorary Chairman of Automotive Engineering College, Jilin University Prof. Guan Hsin, President, Automobile Research Institute, Jilin University	
	16:00–16:15	2015CG–CI014: Automobile Brake System Simulation Design – Wang Jian, Brilliance Automotive Engineering Research Institute
	16:15–16:30	2015CG–CI029: 7m Bus Independent Front Suspension Optimization and Design Based on ADAMS – Liu Chao, China FAW Group Corporation R&D Center
	16:30–16:45	2015CG–PP023: Weight and Gravity center Estimation research in the Motor Vehicle Engineering – Wang Jing, Chongqing Changan Automobile Co., Ltd.
	16:45–17:00	2015CG–PP053: Vehicle attribute degradation study – Wu Changwei, Chongqing Changan Automobile Co., Ltd.
	17:00–17:15	2015CG–PP058: Development of Powertrain Based on the Vehicle Platform Modular Design – Pan Yuejun, SAIC MOTOR Technical Center
	17:15–17:30	2015CG–PP064: Design and Optimization of the Suspension of Electric Vehicle Based on ADAMS – Wu Xiliang, Tongji Automotive Design and Research Institute

T02：电动汽车技术
10 月 27 日下午 / 北展厅 A4 会议室

10 月 27 日	会议主席：田光宇 教授，清华大学	
	16:00–16:10	主席致辞
	16:10–16:25	2015CG-EV014：大容量锂离子动力电池模块中的热失控扩展过程研究 – 罗阳 博士，宝马（中国）服务有限公司研发中心高级经理
	16:25–16:40	EV-A001：电动汽车转向工况下的侧向稳定域估计与驱动力矩分配研究 – 殷国栋 教授，东南大学机械工程学院副院长
	16:40–16:55	2015CG-EV058：车用永磁同步电机转矩波动构成分析 – 宫健 先生，中国第一汽车股份有限公司技术中心电动车部
	16:55–17:10	2015CG-EV059：基于混杂系统理论的混合动力汽车驱制动控制研究 – 尹安东 博士，合肥工业大学机械与汽车工程学院
	17:10–17:25	EV-A002：轮毂电机技术迎接新能源汽车新时代 – 徐东 先生，堡敦（上海）机电贸易有限公司商务拓展部亚太业务拓展总监
	17:25–17:40	EV-A006：基于主动前轮转向与四轮转矩分配协调控制的分布式电驱动车辆操纵稳定性与能量经济性综合优化 – 李禹橦 博士，清华大学汽车安全与节能国家重点实验室
	17:40–17:55	2015CG-EV043：超级电容器用玉米芯基活性炭材料的制备和性能研究 – 韩金磊 先生，中国第一汽车股份有限公司技术中心材料部

T03：变速器技术
10 月 27 日下午 / 北展厅 A5 会议室

10 月 27 日	会议主席：孙国晖 先生，中国第一汽车股份有限公司技术中心传动部副部长	
	13:30–13:50	TM-A002：New-generation Eco-friendly CVT for Small Vehicles – KATOU, YOSHIKUNI，日产
	13:50–14:10	邀请报告：博世
	14:10–14:30	邀请报告：轿车液力变矩器产品新技术及其开发理论与方法 – 吴光强，同济大学
	14:30–14:45	2015CG-CER003：商用车用柴油机智能怠速启停技术的开发及应用 – 杨瑜，一汽解放汽车有限公司无锡柴油机厂
	14:45–15:00	2015CG-CER002：商用车干式 DCT 热负荷分析 – 李林，东风商用车有限公司技术中心
	15:00–15:15	2015CG-TM002：混合动力变速器电机同步跟踪换挡过程的试验研究 – 陈勇，浙江吉利动力总成研究院
	15:15–15:30	2015CG-HE017：基于多体动力学的不同刚度剪式齿轮的对比分析研究 – 安木金，中国重型汽车集团有限公司技术发展中心
	15:30–15:45	2015CG-TM016：基于阶次分析的变速器啸叫识别研究 – 冉绍伯，重庆长安汽车股份有限公司动力研究院

T02: Electric Vehicles Technology
Oct. 27 PM / A4, NEH

Oct. 27	Chairman: Prof. Tian Guangyu, Tsinghua University	
	16:00–16:10	Welcome Address
	16:10–16:25	2015CG–EV014: Thermal Runaway Propagation with in Module Consists of Large Format Li–ion Cells – Dr. Jan Romberg, Senior Manager, Research & Development Center, BMW China Services Ltd.
	16:25–16:40	EV–A001: Lateral Stability Region Conservativeness Estimation and Torque Distribution for FWIA Electric Vehicle Steering – Prof. Yin Guodong, Deputy Dean, School of Mechanical Engineering, Southeast University
	16:40–16:55	2015CG–EV058: Composition Analysis For Vehicle PMSM Torque Ripple – Mr. Gong Jian, Electric Vehicle Dept., R&D Center, China FAW Co., Ltd.
	16:55–17:10	2015CG–EV059: Study on Control of Drive and Brake for Hybrid Electric Vehicle Based on Hybrid System Theory – Dr. Yin Andong, School of Machinery and Automobile Engineering, Hefei University of Technology
	17:10–17:25	EV–A002: In–wheel Motors are Ready for Prime Time – Mr. Xu Dong, Business Development Director, Business Development, Protean Electric
	17:25–17:40	EV–A006: Comprehensive Optimization of Distributed Electric Vehicle Handling Performance and Energy Efficiency Based on Cooperative Control between Steer–by–wire and Four Wheel Torque Distribution – Dr. Li Yutong, State Key Laboratory of Automotive Safety and Energy, Tsinghua University
	17:40–17:55	2015CG–EV043: Preparation and Properties of Corncob–based Activated Carbon for Supercapacitors – Mr. Han Jinlei, Material Research Dept., R&D Center, China FAW Co., Ltd.

T03: Transmission Technology
Oct. 27 PM / A5, NEH

Oct. 27	Chairman: Mr. Sun Guohui, Vice Director, Driveline Department, China FAW Co.,Ltd. R&D Center	
	13:30–13:50	TM–A002: New–generation Eco–friendly CVT for Small Vehicles – KATOU, YOSHIKUNI, Nissan
	13:50–14:10	Invited Report: Bosch
	14:10–14:30	Invited Report: The Novel Technique and Theory & Method of the Hydrodynamic Torque Converter – Wu Guangqiang, Tongji University
	14:30–14:45	2015CG–CER003: Development and Application of Intelligent Idle Start Stop Technology for Commercial Vehicle – Yang Yu, FAW Jiefang Automotive Company, LTD. Wuxi Diesel Engine Works
	14:45–15:00	2015CG–CER002: Heat Load Research for Commercial Vehicle Clutch of Dry DCT – Li Lin, Dongfeng Commercial Vehicle co., LTD.
	15:00–15:15	2015CG–TM002: Hybrid Transmission Electric Motor Synchronize Tracking Gear Shift Process Test Research – Chen Yong, Zhejiang Geely Powertrain Research Institute
	15:15–15:30	2015CG–HE017: Contrastive Research of Scissors Gears between Different Torsion Stiffness based on Multi–Dynamic Simulation – An Mujin, Hangzhou Power Research Center of CNHTC
	15:30–15:45	2015CG–TM016: The Whine of Transmission Identification Research Based Upon the Order Analysis – Ran Shaobo, Chongqing Changan Automobile Co., Ltd.

T04：仿真与试验验证

10 月 27 日下午 / 北展厅 A7 会议室

10 月 27 日	会议主席：李宏光 先生，天津汽车检测中心副总工程师	
	13:30–13:45	2015CG–TT062：中重型车非线性动力学时域仿真技术研究 – 曹正林，中国第一汽车股份有限公司技术中心
	13:45–14:00	2015CG–TT101：基于 SORPAS 的高强度钢点焊工艺设计及优化研究 – 苏志朴，陕西重型汽车有限公司
	14:00–14:15	2015CG–TT112：多元阻抗耦合悬架系统的振动传递特性分析 – 沈钰杰，江苏大学汽车与交通工程学院
	14:15–14:30	2015CG–TT080：发动机制动影响高速转向车辆稳定性的仿真分析 – 李玲，吉林大学交通学院
	14:30–14:45	2015CG–TT105：基于天棚 On–Off 控制可切换阻尼半主动悬架的时滞稳定性分析 – 付文强，西安理工大学
	14:45–15:00	2015CG–TT037：轿车白车身模态修改灵敏度分析 – 邓坤，华晨汽车工程研究院
	15:00–15:15	2015CG–TT121：A Study between Proving Ground Corrosion and Cabinet Corrosion Results – 孔令文，奇瑞捷豹路虎
	15:15–15:35	邀请报告
	15:35–16:00	茶歇
	16:00–16:20	邀请报告
	16:20–16:35	2015CG–TT008：不同形貌敞篷车风阻系数变化原因的分析 – 王东，同济大学汽车学院
	16:35–16:50	2015CG–TT067：乘用车手动变速器静态换挡性能评价指标及其优化 – 邹朝阳，宁波吉利罗佑发动机零部件有限公司
	16:50–17:05	2015CG–TT031：一种基于简化悬架模型的车架结构强度分析方法 – 金常忠，重庆长安汽车股份有限公司北京研究院

T05：汽车电子技术

10 月 27 日下午 / 2 楼多功能大会议室东

10 月 27 日	会议主席：吴泽民 先生，东风汽车公司技术中心	
	16:00–16:05	主席致辞
	16:05–16:25	赫尔思曼 –– 独特的汽车连接器解决方案 – 赫尔思曼汽车技术（南通）有限公司
	16:25–16:40	2015CG–VE011：基于多步成形的连接器端子件结构分析方法 – 江丙云 博士，泰科电子（上海）有限公司；上海交通大学
	16:40–16:55	2015CG–VE006：基于分布式的车载电子电气架构 – 何俊婷 女士，中国第一汽车股份有限公司技术中心汽车电子部
	16:55–17:10	2015CG–VE046：某自动挡车型的降油耗标定优化 – 丁济凡 先生，东风汽车公司技术中心动力总成工程部主管工程师
	17:10–17:25	2015CG–VE050：基于 CAN 总线的整车电子电气架构的研究 – 杨璐溦 女士，长安汽车股份有限公司商用车事业部
	17:25–17:40	2015CG–VE030：Lateral Control of an Intelligent Vehicle based on Adaptive Robust Neuron Network – 张琨 先生，华晨汽车工程研究院
	17:40–17:55	2015CG–VE071：基于开关型氧传感器空燃比自学习控制策略的实现 – 张春娇 女士，东风汽车公司技术中心
	17:55–18:10	2015CG–VE045：一种基于串联式混动车扭矩控制策略 – 张吉庆 先生，华晨汽车工程研究院
	18:10–18:25	2015CG–VE066：电子油门踏板位置计算的策略实现 – 徐凤 女士，东风汽车公司技术中心

T04: Simulation and Experimental Validation

Oct. 27 PM / A7, NEH

Oct. 27	Chairman: Mr. Li Hongguang, Deputy Chief Engineer, Tianjin Auto Test Center	
	13:30–13:45	2015CG–TT062: Research on Nonlinear Dynamics Simulation of Medium and Heavy Truck in Time Domain – Cao Zhenglin, China FAW Co., Ltd R&D Center
	13:45–14:00	2015CG–TT101: Study on High–strength Steel Welding Process Design and Optimization Based on SORPAS – Su Zhipu, Shaanxi Heavy Duty Automobile Co.. Ltd.
	14:00–14:15	2015CG–TT112: Analysis on Vibration Transfer Characteristic of Multiple Impedance Coupling Suspension System – Shen Yujie, Jiangsu University
	14:15–14:30	2015CG–TT080: The Simulation Analysis of High–Speed and Turning Vehicle Stability Influenced by Engine Braking – Li Ling, Traffic College, Jilin University
	14:30–14:45	2015CG–TT105: Modeling and Stability Analysis of Semi–Active Suspension with Sky–hook Control – Fu Wenqiang, XI’AN University of Technology
	14:45–15:00	2015CG–TT037: The Sensitivity Analysis of Body in White (BIW) Modal Modification – Deng Kun, Brilliance Auto R&D Center
	15:00–15:15	2015CG–TT121: A Study between Proving Ground Corrosion and Cabinet Corrosion Results – Lingwen Kong, Chery Jaguar Landrover Automotive Ltd.
	15:15–15:35	Invited Report
	15:35–16:00	Coffe Break
	16:00–16:20	Invited Report
	16:20–16:35	2015CG–TT008: The Analysis on The Factors Leading to Variant Aerodynamic Drag Coefficient of Cabriolets With Different Configurations – Wang Dong, Tongji University
	16:35–16:50	2015CG–TT067: Evaluation Index and Optimization Measures of Static Shift Performance of Passenger Car With Manual Transmission – Zou zhaoyang, Zhejiang Geely powertrain research Institute
	16:50–17:05	2015CG–TT031: A method of Frame Strength Analysis with Simplified Suspension Model – Jin Changzhong, Beijing Changan Auto R & D Center, Changan Automobile Co，Ltd.

T05: Automotive Electronic Technology

Oct. 27 PM / Multifunctional Conference Room East, 2F, SAEC

Oct. 27	Chairman: Mr. Wu Zemin, DongFeng Motor Corporation Technical Center	
	16:00–16:05	Welcome Address
	16:05–16:25	Hirschmann Automotive Connectors for Individual Customer Solution – Hirschmann (Nantong) Automotive Co.,Ltd.
	16:25–16:40	2015CG–VE011: An Advanced Structural Analysis Method for Connector Terminal Based on Multi–Step Forming – Dr. Jiang Bingyun, Tyco Electronics (Shanghai) Co., Ltd./ Shanghai Jiao Tong University
	16:40–16:55	2015CG–VE006: A Distribution–based Model for Electric/Electronic Architectures of Automotive – Ms. He Junting, Automotive Electronics Dept., R&D Center, China FAW Co., Ltd.
	16:55–17:10	2015CG–VE046: Fuel Consumption Optimization for an Automatic Transmission Passenger Vehicle – Mr. Ding Jifan, Senior Engineer, Powertrain Engineering Dept., DongFeng Motor Corporation Technical Center
	17:10–17:25	2015CG–VE050: Research on the CAN–bus Based Vehicle Electrical and Electric Architecture – Ms. Yang Luwei, Commercial Vehicle Division, Changan Automobile Co., Ltd.
	17:25–17:40	2015CG–VE030: Lateral Control of an Intelligent Vehicle based on Adaptive Robust Neuron Network – Mr. Zhang Kun, Brilliance Automotive Engineering Research Institute
	17:40–17:55	2015CG–VE071: Realization of Self–Learning Control Strategy for Air Fuel Ratio – Ms. Zhang Chunjiao, DongFeng Motor Corporation Technical Center
	17:55–18:10	2015CG–VE045: Torque Control Strategy Based Series Hybrid Vehicle – Mr. Zhang Jiqing, Brilliance Automotive Engineering Research Institute
	18:10–18:25	2015CG–VE066: Accelerator Pedal Position Calculation Strategy Design – Ms. Xu Feng, DongFeng Motor Corporation Technical Center

T06：先进汽车车身设计技术

10 月 27 日下午 / 2 楼多功能大会议室

10 月 27 日	会议主席：韩旭教授，湖南大学副校长	
	13:30–13:50	邀请报告：汽车轻量化解决方案 – Hans Mikota 先生，乔治费歇尔汽车中国亚太区研发部总监
	13:50–14:10	邀请报告待定
	14:10–14:25	2015CG–BD022：Automotive Air Conditioning Performance Study – 郑鑫，华晨汽车工程研究院
	14:25–14:40	2015CG–BD004：基于 SOF 碰撞性能改善的车身结构优化设计 – 郑明银，泛亚汽车技术中心有限公司
	14:40–14:55	2015CG–BD011：基于 CFD 技术的机舱热管理分析及其结构优化 – 王丽华，重庆长安汽车股份有限公司汽车工程研究总院
	14:55–15:10	2015CG–BD009：焊接白车身变宽趋势研究 – 周维，重庆长安汽车研究院
	15:10–15:25	2015CG–BD003：汽车饰件中弹性锁机构开发中的摩擦引起的自锁现象探讨 – 刘庆上，上海汽车集团股份有限公司
	15:25–15:40	2015CG–BD033：一款越野车尾门系统的优化及改进 – 张立龙，北京汽车集团越野车研究院
	15:40–16:00	茶歇
	16:00–16:15	2015CG–BD036：基于容差分析的造型分块设计研究与实践 – 尉红军，重庆长安汽车股份有限公司商用车事业部
	16:15–16:30	2015CG–BD067：轿车车身断面几何形状设计与力学特性求解 – 白建涛，吉林大学 – 左文杰，吉林大学
	16:30–16:45	2015CG–BD057：汽车车身关键数据管理系统的研究开发 – 邱海辉，北京汽车股份有限公司汽车研究院
	16:45–17:00	2015CG–BD016：基于平台化开发的白车身轻量化设计 – 王磊，华晨汽车工程研究院
	17:00–17:15	2015CG–CLW004：某重型商用车驾驶室轻量化设计 – 苏合旭，中国第一汽车股份有限公司技术中心
	17:15–17:30	2015CG–LW034：浅谈复合材料后防撞梁开发 – 丁明德，重庆长安汽车股份有限公司汽车工程研究总院
	17:30–17:45	2015CG–CLW007：重卡复合材料板弹簧设计开发与验证 – 杨昂，集瑞联合重工有限公司
	17:45–18:00	2015CG–LW004：基于台架试验和 CAE 的铝合金控制臂开发研究 – 岳鹏飞，重庆长安汽车股份有限公司

T07: 智能交通与智能汽车

10 月 27 日下午 / 博物馆 5 楼综合会议室

10 月 27 日	会议主席：陈慧教授，同济大学汽车学院	
	16:00–16:20	Automated and Autonomous Driving – Traffic Imapcts and Regulatory Considerations –Dr. Tom Voege, 智能交通及自动驾驶领域的资深专家
	16:20–16:40	2015ITS–A002：基于车联网技术的“绿灯按需通行”系统 – 赖胜，宝马集团中国技术中心
	16:40–17:00	2015IVT–A001：Bmw's incremental map update – Using connectivity to ensure up–to–date navigation systems and sustainable customer satisfaction –Mr. Florian Hörger，BMW China Services Ltd.
	17:00–17:20	2015CG–IVT005：车辆驾驶辅助系统中基于融合显著性的行人检测算法 – 蔡英凤，江苏大学
	17:20–17:40	2015CG–IVT010：自适应巡航控制系统的仿驾驶员模式切换逻辑 – 严伟，吉林大学汽车工程学院
	17:40–18:00	2015CG–IVT012：智能汽车安全技术评价方法研究 – 李霖，同济大学

T06: Advanced Car Body Design Technology

Oct. 27 PM / Function Hall, 2F, SAEC

Oct. 27	Chairman: Prof. Han Xu, Vice President, Hunan University	
	13:30–13:50	Invited Report: Lightweight Solution in Automotive Industry – Hans Mikota, Head of R&D Asia, Georg Fischer Automotive China
	13:50–14:10	Invited Report (TBD)
	14:10–14:25	2015CG–BD022: Automotive Air Conditioning Performance Study – Zheng Xin, Brilliance Automotive Engineering Research Institute
	14:25–14:40	2015CG–BD004: Optimization Design for Small Overlap Crash Performance Improving – Zheng Mingyin, Pan Asia Technical Automotive Center Co., Ltd.
	14:40–14:55	2015CG–BD011: Underhood Thermal Management and Structural Optimization Based On CFD Method – Wang Lihua, Chongqing Changan Auto R & D Center, Changan Automobile Co，Ltd.
	14:55–15:10	2015CG–BD009: The Research on the Trend of the Becoming Wide in the BIW – Zhou Wei, Changan Auto Global R&D Center of Changan Automobile Co Ltd.
	15:10–15:25	2015CG–BD003:The Discussion on the Phenomenon of Self–Locking Involved by Friction Happened in Lock Mechanism Made of Flexible Shell Fragment in Automotive Trim Development – Liu Qingshang, Commercial Vehicle Technical Center of SAIC MOTOR
	15:25–15:40	2015CG–BD033: Optimization and Improvement of Off–Road Vehicle Tail Door System – Zhang Lilong, BAIC Group Off–Road Vehicle R&D
	15:40–16:00	Cofee Break
	16:00–16:15	2015CG–BD036: Rearch of Modelling Seam Design Based on Tolerance Analysis – Wei Hongjun, Commerical Vehicle Division，Chongqing Changan Automobile Co.，Ltd.
	16:15–16:30	2015CG–BD067: Cross–Sectional Shape Design and Mechanical Properties Solution for Thin–Walled Beam of Automobile Body – Bai Jiantao, College of Mechanical Science & Engineering – Zuo Wenjie, College of Mechanical Science & Engineering
	16:30–16:45	2015CG–BD057: Design and Implementation of Database System for Vehicle Body – Qiu Haihui, Department of Vehicle Body, Automotive Technology Center of BAIC MOTOR Co. Ltd
	16:45–17:00	2015CG–BD016: Lightweight Design of BIW Based on Platform Development – Wang Lei, Brilliance Automotive Engineering Research Institute
	17:00–17:15	2015CG–CLW004: Lightweight Design for a Heavy Commercial Vehicle Cab – Su Hexu, China FAW Group Corporation R&D Center
	17:15–17:30	2015CG–LW034: Discussed Development of Automotive Composite Rear Bumper Beam – Ding Mingde, Changan Auto Global R&D Center
	17:30–17:45	2015CG–CLW007: Heavy truck composite plate spring design and verification – Yang Ang, Chassis Department Of C&C Trucks Co.LTD
	17:45–18:00	2015CG–LW004: Design and Rearch on Aluminum Alloy Control Arm Based on Bench Test and CAE – Yue Pengfei, Chongqing Changan Auto R & D Center

T07: Internet of Vehicles and ITS

Oct. 27 PM / Museum, 5F, Auditorium

Oct. 27	Chairman：Prof. Chen Hui, School of Automotive Studies, Tongji Univiersity	
	16:00–16:20	Automated and Autonomous Driving – Traffic Imapcts and Regulatory Considerations –Dr. Tom Voege,Senior experts in intelligent transportation and automatic driving
	16:20–16:40	2015ITS–A002：CAR2X TECHNOLOGY–BASED “GREEN LIGHT ON DEMAND” SYSTEM –Lai Sheng, BMW Group Technology Office China
	16:40–17:00	2015IVT–A001：Bmw's incremental map update – Using connectivity to ensure up–to–date navigation systems and sustainable customer satisfaction –Mr. Florian Hörger，BMW China Services Ltd.
	17:00–17:20	2015CG–IVT005：Integrated Saliency Based Pedestrian Detection for Driver Assistance Systems –Cai Yingfeng，Jiangsu University
	17:20–17:40	2015CG–IVT010：A mode switching logic imitating human drivers for adaptive cruise control systems –Yanwei，Jilin University
	17:40–18:00	2015CG–IVT012：Research of Evaluation Methods for Intelligent Vehicle Safety Technologies –Li lin, Tongji University

T08：内燃机技术 10 月 28 日 / 北展厅 A5 会议室		
10 月 28 日	主席：李理光 教授，同济大学汽车学院院长	
	09:00–09:30	邀请报告：发动机摩擦及对新兴动力系统的影响对未来润滑油的需求 – 当前进展与未来挑战 –Simon C. Tung 博士，Global OEM Liaison Manager, Petroleum Department, Vanderbilt Chemical LLC, U.S. –Victor Wong 先生， Director, Massachusetts Institute of Technology, U.S.
	9:30–09:45	2015CG–HE034：基于电容检测的离子电流特性试验研究 – 郑兵艳 先生，同济大学汽车学院
	9:45–10:00	2015CG–HE035：低粘度机油对汽油发动机燃油经济性的影响研究 – 史程中 先生，浙江吉利动力总成研究院发动机开发部整机主管
	10:00–10:15	2015CG–HE042：EGR 对直喷汽油机离子电流特性的影响研究 – 梁敬 女士，同济大学汽车学院
	10:15–10:30	HE–A002：怎样利用 CAE 来减少发动机的摩擦功 – 周全保 博士，长安英国研发中心总工
	10:30–10:45	茶歇 & 技术参观
	10:45–11:15	邀请报告：2020 年柴油机：里卡多观点 –Roberto Dalmasso 先生，里卡多上海发动机产品组副总裁
	11:15–11:30	2015CG–HE066：基于物理模型的涡轮增压器放气阀工作特性研究 – 王磊 先生，中国第一汽车股份有限公司技术中心发动机部
	11:30–11:45	2015CG–HE045：增压柴油机低速性能改进试验研究 – 胡志林 先生，中国第一汽车股份有限公司技术中心
	11:45–12:00	2015CG–HE062：高原复合增压系统动态过程控制方法研究 – 姜泽浩 先生，北京理工大学机械与车辆学院
	12:00–13:30	午餐 & 技术参观
	主席：李理光 教授，同济大学汽车学院院长	
	13:30–14:00	邀请报告：低温燃烧的着火改善 – 挑战与解决方案 –Ming Zheng 教授，Professor and Director of Clean Combustion Engine Laboratory, University of Windsor
	14:00–14:15	2015CG–HE046：进气道和燃烧室形状对汽油机燃烧特性影响的预测 – 张小矛 博士，上汽技术中心动力总成分析试验部 CAE 系统经理
	14:15–14:30	2015CG–HE037：基于 SI/HCCI 双模燃烧直喷汽油机的连续全可变配气系统设计与应用研究 – 刘寅童 博士，同济大学汽车学院
	14:30–14:45	2015CG–HE043：低负荷工况下 EGR 对缸内直喷汽油机燃烧特性的影响研究 – 汪阳 先生，同济大学汽车学院
	14:45–15:00	2015CG–HE023：发动机润滑油加注时间研究及优化 – 李义林 先生，长安汽车工程研究总院电装中心
	15:00–15:15	茶歇 & 技术参观
	15:15–15:45	邀请报告：杜邦新型 Vamac 耐热型 AEM – 叶芷青 先生，杜邦高性能聚合物事业部汽车市场开发经理
	15:45–16:05	AF–A001：燃料特性与内燃机燃烧及排放相关性研究 – 孙万臣 教授，吉林大学汽车工程学院
	16:05–16:20	2015CG–HE064：涡轮增压柴油机高原供油策略调节方法研究 – 李长江 先生，北京理工大学机械与车辆学院
	16:20–16:35	2015CG–HE005：铝合金缸盖中隔板二次枝晶间距研究 – 莫海生 先生，重庆长安汽车股份有限公司动力研究院试验试制所
	16:35–16:50	2015CG–HE011：某 GDI 发动机电子水泵控制系统设计 – 韩晓峰 先生，安徽江淮汽车股份有限公司标定部标定主管
	16:50–17:05	2015CG–HE006：基于导管阀座压装曲线的监控方法研究 – 吴浩 先生，重庆长安汽车股份有限公司
	17:05–17:25	HE–A003：进气道喷射乙醇柴油引燃的燃烧特性可视化研究 – 何旭 博士，北京理工大学 机械与车辆学院副研究员

T08: Interal Combustion Engines

Oct. 28 / A5, NEH

Oct. 28		Chairman: Prof. Li Liguang, Dean of School of Automotive Studies, Tongji University
	09:00–09:30	Invited Report: Engine Friction and Impact of Emerging Powertrain Technology On Future Lubricant Requirements — Overview of Current Advances and Challenges for the Future – Dr. Simon C. Tung, Global OEM Liaison Manager, Petroleum Department, Vanderbilt Chemical LLC, U.S. – Mr. Victor Wong, Director, Massachusetts Institute of Technology, U.S.
	9:30–09:45	2015CG–HE034: Experimental Study on Ion Current Characteristics Based on Capacitive Detection Circuit – Mr. Zheng Bingyan, School of Automotive Studies, Tongji University
	9:45–10:00	2015CG–HE035: Study of the Low Viscosity Engine Oil Impact on Fuel Economy – Mr. Shi Chengzhong, Product Manager, Engine Development Department, Zhejiang Geely Powertrain Research Institute
	10:00–10:15	2015CG–HE042: Study on Effects of EGR on Ion Current Characteristics of GDI Engine – Ms. Liang Jing, School of Automotive Studies, Tongji University
	10:15–10:30	HE–A002: How Can CAE Help to Reduce Total Engine Friction – Dr. Zhou Quanbao, Chief Engineer, Changan UK R&D Centre
	10:30–10:45	Coffee Break & Visit Exhibition
	10:45–11:15	Invited Report: The Gasoline Engine at 2020: A Ricardo's View – Mr. Roberto Dalmasso, Engine Product Group VP, Ricardo Shanghai
	11:15–11:30	2015CG–HE066: Study of the Characteristics of Wastegate of Turbocharger Based on Physical Model – Mr. Wang Lei, Engine Department, China FAW Co.Ltd R&D Center
	11:30–11:45	2015CG–HE045: Experimental Investigation On Performance Improvement of Turbocharged Diesel Engine Under Low–Speed Conditions – Mr. Hu Zhilin, R&D Center, China FAW Co., Ltd.
	11:45–12:00	2015CG–HE062: Simulation Study of the Control Method of Adjustable Composite Supercharging System at Plateau – Mr. Jiang Zehao, School of Mechanical Engineering, Beijing Institute of Technology
	12:00–13:30	Lunch & Visit Exhibition
		Chairman: Prof. Li Liguang, Dean of School of Automotive Studies, Tongji University
	13:30–14:00	Invited Report: Challenges and Solutions of Ignition Improvements on Low Temperature Combustion – Prof. Ming Zheng, Professor and Director of Clean Combustion Engine Laboratory, University of Windsor
	14:00–14:15	2015CG–HE046: Prediction of the Effects of Intake Port and Chamber on Combustion Performance of Gasoline Engines – Dr. Zhang Xiaomao, CAE System Manager, Powertrain Analysis and Test Dept., SAIC Motor Technical Center
	14:15–14:30	2015CG–HE037: Development and Application of Dual UniValve System based on a GDI Engine with SI/HCCI Dual Combustion Modes – Dr. Liu Yintong, School of Automotive Studies, Tongji University
	14:30–14:45	2015CG–HE043: Effects of EGR on Combustion Characteristics Based on GDI Engine under Low Load – Mr. Wang Yang, School of Automotive Studies, Tongji University
	14:45–15:00	2015CG–HE023: Study on Lube Injection Time Reducing of Engine – Mr. Li Yilin, Changan Auto Global R&D Center
	15:00–15:15	Coffee Break & Visit Exhibition
	15:15–15:45	Invited Report: New DuPont™ Vamac® AEM Takes the Heat –Mr. Ye Zhiqing, Automotive Marketing Development Manager, DuPont Performance Polymers, DuPont (China)
	15:45–16:05	AF–A001: Investigation of the Correlation between Fuel Properties and Combustion & Emissions of Internal Combustion Engine – Prof. Sun Wanchen, Department of Internal Combustion Engine Engineering, Jilin University
	16:05–16:20	2015CG–HE064: Research on Fuel Supply Strategy of Turbocharged Diesel Engine at Plateau – Mr. Li Changjiang, School of Mechanical Engineering, Beijing Institute of Technology
	16:20–16:35	2015CG–HE005: Secondary Dendrite Arm Spacing Study of Partition in Aluminumalloy Cylinderheads – Mr. Mo Haisheng, Powertrain Testing and Prototyping Dept., Powertrain R&D Institute, Changan Auto Global R&D Center
	16:35–16:50	2015CG–HE011: Electronic Pump Control System Design of GDI Engine – Mr. Han Xiaofeng, Chief EMS Calibration Engineer, Calibration Department, Anhui Jianghuai Automobile Co., Ltd.
	16:50–17:05	2015CG–HE006: Technology Study of Measure Curve Monitor in the Field of Valve Guide & Valve Seat Assembly – Mr. Wu Hao, Changan Auto Co., Ltd.
	17:05–17:25	HE–A003: 进气道喷射乙醇柴油引燃的燃烧特性可视化研究 – Dr. He Xu, Beijing Institute of Technology

T09：振动噪声控制技术 10 月 28 日上午 / 北展厅 A7 会议室		
10 月 28 日	会议主席：李洪亮 博士，中国汽车技术研究中心副总工程师	
	09:00–09:05	主席致辞
	09:05–09:25	邀请报告：新型静音尼龙材料在汽车 NVH 中的应用 – 胡锡龙 先生，杜邦高性能聚合物部研究员
	09:25–09:45	邀请报告：Maintaining the ‘Brand Sound’ through the Challenges Presented by Modern Vehicle Trends – 里卡多
	09:45–10:05	邀请报告：混合动力总成 NVH 优化 – 艾尔维汽车工程技术（上海）有限公司
	10:05–10:25	2015CG–NV064：基于 FxLMS 的汽车磁流变悬置自适应控制研究 – 郑玲 教授，重庆大学汽车工程系系主任
	10:25–10:40	2015CG–NV050：路面激励导致的汽车低频轰鸣声控制及应用研究 – 余雄鹰 先生，长安汽车工程研究总院 NVH 所
	10:40–10:55	2015CG–NV036：汽车变速器油泵齿轮啸叫噪声分析与控制 – 牛文博 先生，中国第一汽车股份有限公司技术中心基础研究部振动噪声研究室
	10:55–11:10	2015CG–NV075：模态耦合分析对改善制动噪音的研究 – 夏祖国 先生，东风汽车公司技术中心 NVH 研究所
	11:10–11:25	2015CG–NV046：高频谐振腔的消声特性研究及其应用 – 张冬莲 女士，长安汽车工程研究总院 NVH 所
	11:25–11:40	2015CG–NV025：胎面结构设计参数对轮胎振动辐射噪声的影响研究 – 裴晓朋 先生，江苏大学汽车与交通工程学院
	11:40–11:55	2015CG–NV041：乘用车驾驶座座椅系统结构模态分析及工程实践 – 邹途祥 先生，长安汽车工程研究总院 NVH 所
	11:55–12:10	2015CG–NV030：冷却模块总成气动噪声数值预测 – 张鹏飞 先生，江苏大学汽车与交通工程学院
	12:10–12:25	2015CG–NV072：湿式双离合变速器瞬态冲击响应问题分析与解决 – 姜耀全 先生，上海汽车集团股份有限公司技术中心

T09: NVH Technology Oct. 28 AM / A7, North Exhibition Hall		
Oct. 28	Chairman: Dr. Li Hongliang, Vice Chief Engineer, CATARC	
	09:00–09:05	Welcome Address
	09:05–09:25	Invited Report: Silent nylon material developed for auto NVH application – Mr. Hu Xilong, Research Chemist, Dupont Performance Polymers
	09:25–09:45	Invited Report: Maintaining the ‘Brand Sound’ through the Challenges Presented by Modern Vehicle Trends – Ricardo
	09:45–10:05	Hybrid Powertrain NVH Optimisation – IAV Automotive Engineering(Shanghai) Co., Ltd.
	10:05–10:25	2015CG–NV064: The Adaptive Control of Magneto–rheological Engine Mount by Using Fx–LMS Algorithm – Prof. Zheng Ling, the Dean of Automobile Engineering Dept., Chongqing University
	10:25–10:40	2015CG–NV050: Application and Research on Control of Automobile Booming NoiseDue to Road Exciting – Mr. Yu Xiongying, NVH Department, Changan Auto Global R&D Center
	10:40–10:55	2015CG–NV036: Control and Analysis of gear whine noise in automotive transmission oil pump – Mr. Niu Wenbo, NVH Section, R&D Center, China FAW Co., Ltd.
	10:55–11:10	2015CG–NV075: Study on Reduction of Brake Squeal Using Modal Coupling Analysis – Mr. Xia Zuguo, NVH Research Institute, Dong Feng Motor Corporation R&D Center
	11:10–11:25	2015CG–NV046: The acoustical characteristic research and its application of high frequency resonant cavity – Ms. Zhang Donglian, NVH Department, Changan Auto Global R&D Center
	11:25–11:40	2015CG–NV025: Influence of Tread Structure Design Parameters on Tire Vibration Radiation Noise – Mr. Pei Xiaopeng, School of Automotive and Traffic Engineering, Jiangsu University
	11:40–11:55	2015CG–NV041: The Structure Modal analysis and Engineering Application of the Passenger car driver's seat system – Mr. Albert Zou, NVH Department, Changan Auto Global R&D Center
	11:55–12:10	2015CG–NV030: The Cooling Module Assembly Aerodynamic Noise Prediction – Mr. Zhang Pengfei, School of Automotive and Traffic Engineering, Jiangsu University
	12:10–12:25	2015CG–NV072: Researching on improving driveline clunk noise issue – Mr. Jiang Yaoquan, SAIC Motor Technical Centre

T10：机加工、测试与测量 10 月 28 日下午 / 北展厅 A1 会议室		
10 月 28 日	会议主席：朱正德先生，上海大众动力总成有限公司 夏维女士，神龙汽车有限公司 敖贵齐先生，上海汽车集团股份有限公司乘用车公司	
	13:30–13:50	2015CG–MT124：智能规划理念在新建发动机生产线中的探索与应用 – 任培恩，上海大众汽车有限公司
	13:50–14:10	2015CG–MT067：网络技术与测量技术的创新融合与应用实例 – 刘攀，北京奔驰汽车有限公司质量部
	14:10–14:30	邀请报告：汽车零部件清洁度检测国际标准和方法介绍 – 奥林巴斯 (中国) 有限公司
	14:30–14:50	2015CG–MT081：消除柴油机伪泄漏、降低后油封泄漏率的研究 – 陈磊，一汽解放汽车无锡柴油机有限公司
	14:50–15:10	2015CG–MT108：自动化测量系统在工业 4.0 中的应用 – 任敦臻，海克斯康测量技术 (青岛) 有限公司 – 蒲超亮，海克斯康测量技术 (青岛) 有限公司
	15:10–15:30	2015CG–MT120：紧固件安装时表面涂镀层受损问题的研究 – 李大维，上海汽车集团股份有限公司乘用车公司
	15:30–15:50	2015CG–MT123：双组份切削液 –– 大众“THINK BLUE”理念在切削液使用中的应用 – 邓悦星，上海大众动力总成有限公司
	15:50–16:10	2015CG–MT114：JV 车气密性提升 – 吴聪，江铃汽车股份有限公司
	16:10–16:30	2015CG–MT016：白车身的 CMM 测量分析 – 朱盼盼，安徽江淮汽车股份有限公司
	16:30–16:50	2015CG–MT103：简单装配干涉问题的坐标测量分析法及其运用 – 祁昕，上海大众汽车有限公司
	16:50–17:10	2015CG–MT065：冷试技术在发动机装配线上的应用 – 李奉珠，北汽福田汽车股份有限公司
	17:10–17:30	2015CG–MT107：汽车散热器水室装配设备 – 梅涛，上海交通大学机械与动力工程学院
	17:30–17:50	2015CG–MT117：适应工件结构轻量化的曲轴磨削新工艺 – 吴江欢，上海大众动力总成有限公司

T10: Machining, Testing and Measurement

Oct. 28 PM / A1, NEH

Oct. 28	Chairman: Mr. Zhu Zhengde, Shanghai Volkswagen powertrain Co., Ltd. Ms. Xia Wei, Dongfeng Peugeot Citroen Automobile Co., Ltd. Mr. Ao Guiqi, SAIC Motor Corporation Limited Passenger Vehicle CO.	
	13:30–13:50	2015CG-MT124: Exploration and Application of Intelligent Planning Idea in New Engine Production Line – Ren Pei'en, Shanghai Volkswagen
	13:50–14:10	2015CG-MT067: The Innovation and Application for Network Combine with Metrology Technology – Liu Pan, Beijing Benz Automobile Company
	14:10–14:30	Invited Report: International Standard and Method Introduction of Cleanliness Inspection of Automotive Components – Olympus (China) Co., Ltd.
	14:30–14:50	2015CG-MT081: Study on Method for Eliminating Pseudo Leaks in Diesel Engine Leak Test – Chen Lei, FAW Jiefang Automotive Co., Ltd. Wuxi Diesel Engine Works
	14:50–15:10	2015CG-MT108: Automated Measurement Systems Used in Industry 4.0 – Pu chaoliang, Hexagon Metrology (Qingdao) Co., Ltd. – Pu chaoliang, Hexagon Metrology (Qingdao) Co., Ltd.
	15:10–15:30	2015CG-MT120: Study on the Fastener Assembly Surface Coating Problem – Li Dawei, SAIC Motor Corporation Limited Passenger Vehicle CO.
	15:30–15:50	2015CG-MT123: A Two- Component Cutting Fluid- Volkswagen "THINK BLUE" Concept in the Cutting Fluid Application – Deng Yuexing, Shanghai Volkswagen powertrain Co., Ltd.
	15:50–16:10	2015CG-MT114: Improvement of the Air Leakage of JV Vehicle – Wu Cong, JiangLing Motors Co. Ltd.
	16:10–16:30	2015CG-MT016: Analysis of CMM Measurement of Body in White – Zhu Panpan, JAC Technology Center Quality Management Department
	16:30–16:50	2015CG-MT103: Analysing Method of Coordinate Measuring for Simple Assembly Interference and Its Application – Qi Xin, Shanghai Volkswagen
	16:50–17:10	2015CG-MT065: Application of Cold Test Technology on Engine Assembly – Li Fengzhu, BeiQi Foton Motor Co.,LTD.
	17:10–17:30	2015CG-MT107: Equipment of Automobile Radiator Water Tank Assembly – Mei Tao, Shanghai Jiao Tong University
	17:30–17:50	2015CG-MT117: New Process of Crankshaft Grinding for Adapting to the Workpiece of Lightweight Structure – Wu Jianghuan, Shanghai Volkswagen powertrain Co., Ltd.

T11：悬架技术 10 月 28 日下午，北展厅 A2 会议室		
10 月 28 日	主席：汤林生 先生，北京汽车股份有限公司	
	13:30–13:35	主席致辞
	13:35–13:55	邀请报告：车辆模块化独立油气悬挂系统开发及应用 – 陈轶杰 博士，中国北方车辆研究所研究室主任 / 研究员
	13:55–14:15	邀请报告：汽车底盘悬架系统架构的自主开发 – 杨万安 博士，泛亚汽车技术中心前期车辆开发及整车集成部高级经理
	14:15–14:30	2015CG–CI046：基于吸振器的轮边驱动电动汽车主动悬架控制研究 – 任玥 博士，重庆大学机械传动国家重点实验室
	14:30–14:45	2015CG–CI005：基于顶层设计的转向与悬架底盘子系统协同控制研究 – 黄晨 博士，江苏大学汽车工程研究院
	14:45–15:00	2015CG–CI010：精确反求底盘硬点的技术研究 – 魏明坤 先生，重庆长安汽车股份有限公司
	15:00–15:15	2015CG–CI020：直线平移式独立后悬架运动学分析与 K&C 特性试验 – 张杰 博士，万向集团公司技术中心研发部高级工程师
	15:15–15:30	2015CG–CI047：基于 Halbach 的汽车主动悬架电磁作动器设计与优化 – 彭冲 先生，重庆大学机械传动国家重点实验室
	15:30–16:00	茶歇 & 技术参观
	16:00–16:15	2015CG–CI041：ANALYSIS OF PARAMETER MATCHING CHARACTERISTICS FOR CENTRIFUGAL PENDULUM VIBRATION ABSORBER – 王露 女士，北京理工大学电动车辆国家工程实验室
	16:15–16:30	2015CG–CI043：转筒自励式电磁与摩擦制动集成系统设计与实验研究 – 顾晓丹 女士，江苏大学汽车与交通工程学院
	16:30–16:45	2015CG–CI003：基于魔术公式轮胎参数辨识工具的轮胎建模研究 – 赵丛琳 女士，长安汽车股份有限公司北京研究院
	16:45–17:00	2015CG–CI033：基于微分平坦的车辆转向稳定性和轨迹跟踪耦合控制 – 王玉琼 女士，吉林大学交通学院
	17:00–17:15	2015CG–CI012：车辆稳定性控制系统设计与分析 – 裴金顺 先生，东风汽车公司技术中心整车部
	17:15–17:30	2015CG–CI011：汽车驱动轴断裂问题解决方案分析 – 方胜 先生，长安汽车工程研究总院底盘开发中心

T11: Suspension Technology Oct. 28 PM / A2, NEH		
Oct. 28	Chairman: Mr. Tang Linsheng, Beijing Automobile Co., Ltd.	
	13:30–13:35	Welcome Address
	13:35–13:55	Invited Report: Vehicle Modular Independent Oil and Gas Suspension System Development and Application – Dr. Chen Yijie, Researcher & Director of the Research Office, China North Vehicle Research Institute
	13:55–14:15	Invited Report: Chassis Architecture Development for Passenger Vehicle – Dr. Calorie Young, Senior Manager, Advanced Vehicle Development & Vehicle Integration Department, Pan Asia Technical Automotive Center
	14:15–14:30	2015CG–CI046: The Active Suspension Control for Wheel–drive Electric Vehicle Based on the Vibration Absorber – Dr. Ren Yue, State Key Laboratory Of Mechanical Transmission, Chongqing University
	14:30–14:45	2015CG–CI005: Research on Coordinated Control of Steering and Suspension Chassis Subsystem Based on Top Floor Design – Dr. Huang Chen, Automotive Engineering Research Institute, Jiangsu university
	14:45–15:00	2015CG–CI010: Study on the Technology of Accurately Reverse Chassis Hardpoint – Mr. Wei Mingkun, Changan Auto Co., Ltd.
	15:00–15:15	2015CG–CI020: Kinematics and K&C Experiment of a Rectilinear Rear Independent Suspension – Dr. Zhang Jie, Senior Engineer, R&D Department, Wanxiang Group Technical Center
	15:15–15:30	2015CG–CI047: The Analysis and Design of Halbach Active Suspension Actuator of Vehicle – Mr. Peng Chong, Chongqing University
	15:30–16:00	Coffee Break & Visit Exhibition
	16:00–16:15	2015CG–CI041: ANALYSIS OF PARAMETER MATCHING CHARACTERISTICS FOR CENTRIFUGAL PENDULUM VIBRATION ABSORBER – Ms. Wang Lu, Beijing Institute of Technology
	16:15–16:30	2015CG–CI043: Design and Bench Test of the Rotary and Self–excited Type Integrated System of Electromagnetic and Friction Brake – Ms. Gu Xiaodan, School of Automotive & Traffic Engineering, Jiangsu University
	16:30–16:45	2015CG–CI003: The Research of Tire Modeling Based on MF Tire Data Fitting Tool – Ms. Zhao Conglin, Vehicle Engineering Division, Beijing Changan Auto R&D Center, Changan Automobile
	16:45–17:00	2015CG–CI033: Flatness–based Vehicle Coupled for Steering Stability and Path Tracking – Ms. Wang Yuqiong, Transportation College, Jilin University
	17:00–17:15	2015CG–CI012: Design and Analysis of Stability Control System for Vehicles – Mr. Pei Jinshun, Vehicle Design Department, Dongfeng Motor Corporation Technical Center
	17:15–17:30	2015CG–CI011: Analyse the Case of Drive Shaft Had be Broken then Find a Method to Improve It – Mr. Fang Sheng, Chassis Development Center, Changan Auto Global R&D Center

T12：安全技术
10 月 29 日上午 / 北展厅 A8 会议室

10 月 29 日	会议主席：周青教授，清华大学	
	09:00–09:15	2015CG–ST021：运用 AE–MDB 的新型侧面碰撞试验研究 – 李向荣，中国汽车技术研究中心
	09:15–09:30	2015CG–ST040：基于道路交通事故调查的轿车侧面碰撞中远侧乘员损伤研究 – 张斌，北京汽车股份有限公司汽车研究院
	09:30–09:45	2015CG–ST011：基于某车型行人碰撞下腿部优化分析 – 赵秀强，华晨汽车工程研究院
	09:45–10:00	2015CG–ST052：汽车碰撞人体头部有限元模型的构建与验证 – 羊玢，南京林业大学
	10:00–10:15	2015CG–ST007：行人保护头型回收装置设计与研究 – 王居成，长城汽车股份有限公司
	10:15–10:30	2015CG–ST048：在两轮车辆行使过程中儿童保护系统 KID–SHELL 的测试协议 – Fornells Alba，伊狄达
	10:30–10:45	2015CG–ST022：纯电动轻型客车正面碰撞结构开发 – 万达，长安汽车股份有限公司北京研究院
	10:45–11:00	2015CG–ST006：基于人车环境协同的车辆弯道侧翻预警研究 – 赵树恩，重庆交通大学

T13：环保与排放控制技术
10 月 29 日上午 / 2 楼 1 号会议室

10 月 29 日	主席： 李孟良 先生，中国汽车技术研究中心	
	09:00–09:05	主席致辞
	09:05–09:20	2015CG–EE017：装有起停系统的国 V 轻型车排放特性试验研究 – 王海良 先生，中国汽车工程研究院股份有限公司
	09:20–09:35	2015CG–EE012：怠速起停车的蓄冷蒸发器系统开发 – 杨云 先生，电装（中国）投资有限公司上海技术中心
	09:35–09:50	2015CG–EE016：车内环境控制与汽车空调之间的潜在关系 – 李贵宾 先生，吉利汽车研究院内饰空调开发部
	09:50–10:05	2015CG–EE001：三效催化器失效被动式监测策略及标定方法 – 邓乃上 先生，中国第一汽车股份有限公司技术中心汽车电子部
	10:05–10:20	2015CG–VE012：基于频率和振幅的汽油车前氧传感器响应特性主动诊断策略 – 漆正刚 先生，重庆长安伟世通发动机控制系统有限公司产品研发部
	10:20–10:35	2015CG–EE015：A 位和 B 位掺杂的 CDPF 催化剂及其催化性能研究 – 赵中令 先生，中国第一汽车股份有限公司技术中心材料部
	10:35–10:50	2015CG–EE003：汽车密封条挥发性有机物测试与分析 – 吴荣懿 女士，上海大众汽车有限公司质保实验室
	11:30–12:30	全体大会暨闭幕式

T12: Safety Technology
Oct. 29 AM / A8, NEH

Oct. 29	Chairman: Zhou Qing, Tsinghua University	
	09:00–09:15	2015CG-ST021: New Side Impact Test Research Using AE-MDB – Li Xiangrong, China Automotive Technology and Research Center
	09:15–09:30	2015CG-ST040: A Study on Injuries of Far Side Passenger in Passenger Car Side Impact Based on Road Traffic Accident Reconstruction – Zhang Bin, BAIC Motor Corporation Vehicle Research Institute
	09:30–09:45	2015CG-ST011: Optimization Analysis of Pedestrian Leg Collision Based on the Models – Zhao Xiuqiang, Brilliance Automotive Engineering Research Institute
	09:45–10:00	2015CG-ST052: A Finite Element Model of the Human Head for Automotive Impact Applications – Yang Bin, College of Automobile and Traffic Engineering
	10:00–10:15	2015CG-ST007: Research and Design of Pedestrian Protection Head Model Recovery Device – Wang Jucheng, Great Wall Motor Technology Center
	10:15–10:30	2015CG-ST048: Test Protocol for Kid-Shell Safety System for Children Passengers Travelling in Powered Two-Wheeled Vehicles – Fornells Alba, Applus+IDIADA
	10:30–10:45	2015CG-ST022: Frontal Impact Structure Development of Electric Light Bus – Wan Da, Beijing Changan Auto R & D Center, Changan Automobile Co，Ltd.
	10:45–11:00	2015CG-ST006: Prediction of Vehicle Safety Speed on Curve Based on Driver-Vehicle-Road Collaboration – Zhao Shu'en, College of Mechanical & Automobile Engineering

T13: Environmental Protection and Emission Control Technology
Oct. 29 AM / Meeting Room 1, 2F, SAEC

Oct. 29	Chairman: Mr. Li Mengliang, CATARC	
	09:00–09:05	Welcome Address
	09:05–09:20	2015CG-EE017: An Experimental Study of the Emission Characteristics of the State V Light Duty Vehicle with Start-stop System – Mr. Wang Hailiang, China Automotive Engineering Researching Institute Co., Ltd.
	09:20–09:35	2015CG-EE012: Cold Storage Air Conditioning System for Start-Stop Vehicle – Mr. Yang Yun, Denso (China) Investment Co., Ltd. Shanghai Technical Center
	09:35–09:50	2015CG-EE016: The Potential Relationship between Car’s Inner Environment Control and Automotive Air Conditioning – Mr. Li Guibin, Interior & Climate Development Division, Zhejiang Geely Automobile Research Institute Ltc.
	09:50–10:05	2015CG-EE001: Passive Diagnosis Strategy of Three-way Catalyst Deterioration and Calibration Method – Mr. Deng Naishang, EMS Calibration Sec., R&D Center, China FAW Co., Ltd.
	10:05–10:20	2015CG-VE012: Active diagnosis strategy for gasoline vehicle upstream HEGO response performance based on frequency and amplitude – Mr. Qi Zhenggang, Production Development Department, Chongqing Chang’an Visteon Engine Control System Co., Ltd.
	10:20–10:35	2015CG-EE015: Study of A- and B- Substituted Perovskite CDPF Catalyst and Its' Catalytic Activity – Mr. Zhao Zhongling, Materials Dept., R&D Center, China FAW Co., Ltd.
	10:35–10:50	2015CG-EE003: Test and Analysis on Volatile Organics of Automobile sealing strip – Ms. Wu Rongyi, Shanghai Volkswagen MQL
	11:30–12:30	Plenary Session / Closing Ceremony

P1：汽车用高强度钢前沿技术与发展趋势
Advanced Technology and Development Trend of High Strength Steel for Vehicles

时间及地点 / Date & Venue: 2015 年 10 月 28 日 9:00–12:00 北展厅 A6 会议室
9:00–12:00 Oct. 28, A6, North Exhibition Hall

承办单位 /Co-organizers: 国际钢铁协会，汽车轻量化技术创新战略联盟
World Steel Association；China Auto Lightweight Technology Innovation Strategic Alliance

简介 / Introduction :

近年来随着汽车高强度钢应用比例及应用强度等级逐年提高，高强度钢应用中疲劳、联接、回弹等基础研究与前沿技术和汽车板应用技术趋势分析与开发，为整车安全性、轻量化等要求，提供了重要的保障，为汽车行业选择高性价比的技术路线提供数据支持。本专题分会将集中讨论汽车高强度钢前沿技术与应用趋势。

With the increase of application for high strength steel and improvement of its strength grade annually, the fundamental research about high strength steel such as fatigue property, connecting technology and springback performance, and advanced technology as well as analysis and development of application trend for auto-body sheet have achieved big progress. The achievement is a very important guarantee to meet the demands of security and lightweight, and simultaneously it can supply a database support for selecting high cost-benefit technical road map. This session will mainly focus on discussion of advanced technology and development trend of high strength steel for vehicles.

议题 / Topics:

- 汽车高强度钢前沿技术是什么?
- 我国汽车用高强度钢与欧美日等差距有多大?
- 国内外汽车用高强度钢的整体发展趋势是什么，与之协同发展的成形工艺等关键技术的探讨；
- 汽车高强度钢应用中材料企业、零部件企业和汽车企业如何协同发展，以及如何实现基础数据共建与共享；

- What is the advanced technology about high strength steel?
- How big is the gap about high strength steel between china and the developed countries, such as america, europe and Japan?
- What is the developing trend for high strength steel in the future? discuss the key technical problems about related forming technology.
- How to realize the synergetic development among raw material enterprises, component enterprises and OEMs, as well as how to co-operate and share the fundamental data?

日程 / Agenda:

主席 / Chairperson:
王利 先生 / Mr. Wang Li
宝钢首席轻量化联盟专家
Chief Engineer of Baosteel, Expert of CALA

演讲嘉宾 / Speakers:

董翰 先生 / Mr. Dong Han
钢铁研究总院副院长
Vice Director, China Iron & Steel Research Institute Group

华菱安赛乐米塔尔汽车板有限公司
Valin ArcelorMittal Automotive Steel Co., Ltd.

瑞典钢铁公司
Sweden steel company

刘波 先生 / Mr. Liu Bo
长安汽车副总裁兼汽车工程研究总院院长
Vice President of Changan Automobile Group,
President of Changan Global Research and Development Center

蒂森克虏伯钢铁公司
Thyssenkrupp steel company

形式 / Format:

技术演讲（约 30 分钟 / 人）Technical Presentations (30 minutes each)
互动讨论（约 30 分钟）Panel discussion (30 minutes)

P2：2015 年中国汽车工程学会越野车技术分会学术年会—SUV 轻量化技术及材料科技创新应用
2015 Annual Conference of SAE-China SUV Technology Committee: The Weight Reduction Technique and Application Of New Material

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30-17:50 北展厅 A6 会议室
13:30-17:50 Oct. 28, A6, North Exhibition Hall

承办单位 /Co-organizers: 中国汽车工程学会越野车技术分会
SUV Technology Committee of SAE-China

简介 / Introduction :

通过讨论汽车轻量化的创新技术和发展趋势，为业界提供交流合作的平台。本专题分会将集中探讨中国 SUV 品牌汽车轻量化技术发展，加快推进汽车绿色制造技术及轻量化科技创新应用，助力中国汽车工业可持续发展。

Through discussing the innovative technology and developing trend of the automobile lightweight technology,Provide cooperation platform for the industry.This session will focus on the development of lightweight technology for SUV brand of china,Accelerate the promotion of green manufacturing technology and lightweight science and technology innovation and Application,To help sustainable development of china auto industry.

议题 / Topics:

- SUV 的整车重量指标定义及管控
- 宝钢先进高强度钢及其在 SUV 轻量化上的应用技术
- 电动汽车轻量化的关键技术
- 某款 SUV 车型的轻量化技术方案
- 上汽名爵锐腾车身轻量化工作介绍
- 长安 SUV 车身轻量化技术
- 鞍钢高强钢助力 SUV 轻量化降本应用
- 首钢热冲压钢开发进展

- Definition and Control of Vehicle Weight of SUV
- The Advanced High Strength Steel and its Application in SUV Lightweight
- Key Technologies for Lightweight and Lightweight for Electric Vehicles
- Lightweight rechnical scheme for one SUV
- Lightweight Introduction of SAIC mg Ruiteng Body
- Lightweight Technology of Changan SUV Body
- The Application of Reducing Cost of SUV Lightweight for High Strength Steel
- Development Progress of Hot Stamping Steel for Shougang

日程 / Agenda:

主席 / Chairperson:
胡纪滨 教授 / Prof. Hu Jibin
北京理工大学 机械与车辆学院
School of Mechanical Engineering, Beijing Institute of Technology

演讲嘉宾 / Speakers:

路洪洲 博士 / Dr. Lu Hongzhou
中信微合金化技术中心
CITIC METAL Co., Ltd.

王文伟 教授 / Prof. Wang Wenxue
北京理工大学机械与车辆学院
School of Mechanical Engineering, Beijing Institute of Technology

邱国华 先生 / Mr. Qiu Guohua
上汽集团技术中心车身部
SAIC MOTOR Co., Ltd.

林利 博士 / Dr. Lin Li
鞍山钢铁集团公司
Ansteel Co., Ltd.

高永生 博士 / Dr. Gao Yongsheng
宝山钢铁股份有限公司
Baosteel Co., Ltd.

李贺 先生 / Mr. Li He
长城汽车股份有限公司历
Great Wall Motor Co., Ltd.

刘波 博士 / Dr. Liu Bo
重庆长安汽车股份有限公司
Changan Motor Co., Ltd.

李学涛 博士 / Dr. Li Xuetao
首钢汽车板所
ShouGang Group.

形式 / Format:

技术演讲（约 20 分钟 / 人）Technical Presentations (20 minutes each)
互动讨论（约 30 分钟）Panel discussion (30 minutes)

P3：第十届中国道路交通事故研究研讨会—AEB 技术在中国的应用基础
The 10th Symposium on Road Traffic Accident Research in China: The Application Research of AEB in China

时间及地点 / Date & Venue: 2015 年 10 月 28 日 13:30–18:00, 北展厅 A8 会议室
13:30–18:00 Oct.28, A8, North Exhibition Hall

承办单位 / Co-organizer: 同济大学
Tongji University

简介 / Introduction :

AEB(Autonomous Emergency Braking) 作为 ADAS(Advanced Driver Assistance Systems) 中技术成熟度及普及率较为领先的一项技术，正在越来越多进入中国乘用车市场。本专题分会将集中讨论 AEB 技术在中国的应用过程中将面对的一系列问题。

AEB(Autonomous Emergency Braking), as one of the leading technologies of ADAS(Advanced Driver Assistance Systems) in the aspect of technical maturity and install rate, is merging into the passenger car market in China rapidly. This special session will hold an in-depth discussion on the application research of AEB in China.

议题 / Topics:

- AEB 的相关法规及评价方法讨论
- AEB 在中国市场应用的适应性研究
- AEB 产品在国内外研发中的不同特点分析
- AEB 在实际交通环境下的安全效用研究
- AEB 与中国驾驶员驾驶行为的关系分析
- The regulation and evaluation method of AEB
- The adaptability research of AEB for Chinese market
- The R&D of AEB domestically and abroad
- The effectiveness evaluation research of AEB in real-world traffic environment
- The relationship between AEB and Chinese drivers' behavior

日程 / Agenda:

主席 / Chairperson:
王宏雁 教授 / Prof. Wang Hongyan
同济大学汽车学院
School of Automotive Studies, Tongji University

演讲嘉宾 / Speakers:

AEB 在真实交通环境中的效用评估
Effectiveness evaluation research of AEB in real-world traffic environment
李子凡 先生 / Mr. Li Zifan
奥迪（中国）企业管理有限公司研发工程师
Development Engineer, Audi (China) Enterprise Management Co., Ltd.

题目待定
Topic to be Decided
徐维庆 先生 / Mr. Xu Weiqing
泛亚汽车技术中心有限公司系统工程师
System Engineer, Pan Asia Technical Automotive Center Co., Ltd.

AEB 在中国的发展潜力
AEB Potentials in China
周圣祺 先生 / Mr. Zhou Shengqi
奥托立夫（上海）汽车安全系统研发有限公司首席工程师
Principle Engineer, Autoliv (Shanghai) Vehicle Safety System Technical Center Co., Ltd.

题目待定
Topic to be Decided
王建强 副教授 / Asso. Prof. Wang Jianqiang
清华大学汽车工程系副教授
Associate Professor, Department of Automotive Engineering, Tsinghua University

AEB 技术在中国的测试工况分析
Test Scenarios of AEB in China
刘卫国 先生 / Mr. Liu Weiguo
吉利汽车研究院有限公司总工程师
Chief Engineer, Geely Automobile Research Institute

基于追尾事故的 AEB 运行工况分析
Working Condition Analysis of AEB based on Rear-end Collision
陈强 博士 / Dr. Chen Qiang
中国汽车技术研究中心交通事故研究部主任
Director, Road Traffic Accident Research Department, CATRC

基于中国真实交通事故的 AEB 效用仿真计算
Effectiveness Evaluation of AEB based on Real World Traffic Accident in China
陈君毅 博士 / Dr. Chen Junyi
同济大学汽车学院
School of Automotive Studies, Tongji University

形式 / Format:

技术演讲（约 20 分钟 / 人）Technical Presentations (20 minutes each)
互动讨论（约 60 分钟）Panel discussion (60 minutes)

P4：2015 第二届全球华人汽车精英联合年会暨“中国拥抱世界”汽车产业创新论坛

时间及地点：2015 年 10 月 28 日，上海颖奕皇冠假日酒店（安亭博园路 6555 号）
主办单位：中国汽车人才研究会等
初步日程：

主持人：汪大总博士，全球汽车精英组织主席、春晖资本有限公司董事长	
领导致辞	
09:00–09:10	付于武，中国汽车人才研究会理事长
09:10–09:20	张宏，欧洲华人汽车工程师协会会长
09:20–09:30	上海市嘉定区领导
09:30–09:40	众泰控股集团有限公司董事长吴建中
特别报告	
09:40–10:10	中国成为未来世界汽车产业中心的战略思考 —赵福全教授，全球汽车精英组织副主席、清华大学汽车产业与技术战略研究院院长
10:10–10:35	上海打造汽车产业科创中心的机遇与挑战 —李耀新先生，上海市经济和信息化委员会主任
10:35–10:55	合影、茶歇
主题报告	
10:55–11:15	汽车企业的国际化及人才发展战略 —王辉耀先生，中国人才研究会副会长、中国与全球化智库理事长
11:15–11:35	从海外车企看中国汽车产业 —在日华人汽车工程师协会会长
11:35–11:55	工业 4.0 对中国汽车工程师的启示 —张式程博士，全德华人机电工程学会主席
11:55–12:00	主持人总结
圆桌互动	
14:00–15:30	话题一：新形势下的人才培养与发展
	主持人：刘小稚，全球汽车精英组织常务副主席、亚仕龙汽车科技（上海）有限公司总裁 互动嘉宾： 沈荣华，中国人才研究会副会长，上海市公共行政与人力资源研究所研究员、名誉所长； 余卓平，同济大学汽车学院院长； 沈峰，沃尔沃汽车集团中国区研发部副总裁； 董愚，北美华人汽车工程师协会副会长； 庞剑，长安汽车工程研究总院副院长、总工程师
15:30–15:50	茶歇
15:50–17:20	话题二：汽车产业拥抱新一轮科技革命
	主持人：赵福全教授，全球汽车精英组织副主席、清华大学汽车产业与技术研究院院长
	互动嘉宾： 管欣，吉林大学汽车研究院院长；众泰集团领导、科创港领导、全德学会专家、蔚来汽车领导
17:20–17:30	主持人总结

注：此并行会议需单独报名参与，2015 SAECCE 注册费不包含此会议内容。
具体参会事宜，请联系中国汽车人才研究会李喆乐先生，13916268207,cats_hr@126.com

P4：2015 Second Global Automotive Executive Council (GAEC) Annual Conference & Automotive Industry Forum—China Embraces the World

Date & Venue: Oct. 28, 2015, Crowne Plaza Shanghai Anting(Add.: No.6555 Boyuan Road Jiading District Shanghai)
Organizer: China Auto Talents Society

Leader’s Speeches	
09:00–09:40	– Yuwu FU, President of CATS – Hong ZHANG, Chairman of European Chinese Society of Automotive Engineers – Leader of Jiading, Shanghai – Jianzhong WU, Chairman of Zotye Auto
Special Presentations	
09:40–10:10	Presentation of the Strategic Thinking on China Becoming the Center of the Automotive Industry in the World. – Fuquan ZHAO, Vice Chairman of GAEC; Dean of Automotive Industry & Technology Strategy Institute, Tsinghua University
10:10–10:35	Presentation of the Opportunity & Challenge on Shanghai Creating the Automotive Industry Scientific Innovation Center. – Yaoxin LI, Director of Shanghai Municipal Commission of Economy & Informatization
10:35–10:55	Group Photo & Tea Break
Presentations	
10:55–11:15	Presentation of the Internationalization & Talent Development Strategy of Automobile Enterprises. – Huiyao WANG, Vice Chairman of China Talent Research; President of Center for China & Globalization
11:15–11:35	Presentation of Observing China Automotive Industry from Overseas Automobile Enterprises. – Chairman of Japan Chinese Society Automotive Engineers
11:35–11:55	Presentation of the Enlightenment Chinese Automotive Engineers Have Been Given from Industry 4.0. – Shicheng ZHANG, Chairman of Chinesische Gesellschaft fur Maschinenwesen und Elektrotechnik in Deutschland (CGME)
11:55–12:00	Conclusion
Panel Discussions	
14:00–15:30	Topic 1: Cultivation & Development of Talent in the New Situation. Host: Xiaozhi LIU, Executive Vice Chairman of GAEC; CEO of ASL Automobile Science & Technology (Shanghai) Co., Ltd. Panelists: – Ronghua SHEN, Vice Chairman of China Talent Research – Zhuoping YU, Dean of School of Automotive Studies, Tongji University – Feng SHEN, Vice President of R&D, Volvo Car China – Yu DONG, Vice President of NACSAE – Jian PANG, Vice President & Chief Engineer of Changan Automotive Engineering Institute
15:30–15:50	Tea Break
15:50–17:20	Topic 2: Automotive Industry Embraces New Scientific and Technical Revolution Host: Fuquan ZHAO, Vice Chairman of GAEC; Dean of Automotive Industry & Technology Strategy Institute, Tsinghua University Panelists: – Hsin GUAN, President, Automobile Research Institute, Jilin University – Leader of Zotye Auto – Leader of Auto Tech-Innovation Park – Specialist of CGME – Leader of NEXTEV
17:20–17:30	Conclusion

Notice: This conference is required to register separately. The registration fee of 2015 SAECCE is not included the conference.
Contact: Zhele Li (China Auto Talent Society),13916268207,cats_hr@126.com.

中国汽车技术首脑闭门峰会
Closed-door Chinses Technical Leaders Summit

时间及地点 / Date & Venue: 2015 年 10 月 26 日 15:30-18:30 地点待定
15:30-18:30 Oct. 26, venue to be decided

主题 /Theme: " 十三五 " 中国汽车产业技术发展战略研讨会
Technological Development Strategy of China Automotive Industry for its 13th Five-year Plan

简介 /Introduction:

当前以德国“工业 4.0”为代表的全球制造业升级趋势日益明显，我国也提出了“中国制造 2025”，明确了建设制造强国的战略规划。以此为背景，经济新常态下的中国各个产业都面临转型升级。作为实现“中国制造 2025”的龙头、抓手和载体，汽车产业对于引领整个制造业转型升级至关重要，因此，汽车产业实施转型升级首当其冲、责无旁贷。

基于新一轮科技变革的汽车产业转型升级，将是涉及研发设计、生产制造、采购供应、销售及服务等全产业链上各个环节的重大变革，虽处战略机遇期，但大而不强的中国汽车产业也面临严峻挑战。

在“边补课、边追赶”的转型升级征途中，技术无疑是极其重要的关键要素之一。特别是基于“互联网 +”的新条件和新需求，技术领域的若干问题都亟待全新思考和充分研讨，包括技术方向的把握与技术战略路线的选择、技术体系的建设与研发能力的提升、产品开发流程与项目管理、人才培养与使用、以及针对汽车低碳化（节能与新能源）、信息化（车联网等）、智能化（智能汽车）的趋势与机遇，如何有效把握及加快发展。

Currently, the trend of manufacturing upgrading, represented by Industry 4.0, is becoming increasingly apparent worldwide. In response to it, China also released the “Made in China 2025” Plan which states clearly the strategic planning of constructing a powerful manufacturing country. In such a context, all industries in China are facing the challenge of transformation and upgrading under the new economic normal. As one of the pioneers and major carriers, the automobile industry plays a key role in leading the evolution of the whole manufacturing industry, and is definitely responsible to bear the brunt.

The transformation and upgrading that based on new-round technical progress will be a prominent revolution covering all sectors on the whole industry chain, including R&D, design, production, purchasing, supply, sales and service. In such a period of strategic opportunity, China’s automobile industry, which is big but not strong enough, also confronts severe challenges.

In the way of transformation and upgrading, as China is fighting to catch up with the most advanced level and then trying to surpass its counterparts, technology is definitely one of the most important key factors. Especially with the new demand of “Internet +”, some technical questions need to be reconsidered and fully discussed, so as to seize the opportunity and promote development in a most efficient way. Those questions may include the handle of technical directions, technical strategic route options, technical system construction, R&D capacity progress, product R&D procedure and program management, talent training and deployment, as well as trends and opportunities related to low-carbon (energy-saving and new energy), informatization (IoV, etc.), and intelligentization (intelligent and connected vehicles).

议题 / Topics：

- 德国“工业 4.0”及“中国制造 2025”背景下汽车产业转型升级的历史机遇与严峻挑战
- 汽车产业转型升级进程中技术战略选择与技术体系建设的重要意义
- 面向转型升级的汽车研发手段提升与汽车人才培养需求

- Historical opportunities and severe challenges of automobile transformation and upgrading in the context of “Industry 4.0” and “Made in China 2025”
- Meaning of technical strategy choices and construction of technical system construction in the process of automobile transformation and upgrading
- Vehicle R&D improvement and auto talent training demands in facing the transformation and upgrading

拟定邀请 / Panelists are to be invited from：

中国第一汽车集团公司
China FAW Group Corporation
东风汽车公司
Dongfeng Motors Co., Ltd.
上海汽车集团股份有限公司
SAIC Motor Corporation Limited
重庆长安汽车股份有限公司
Chongqing Changan Automobile Company Ltd.
北京汽车集团有限公司
BAIC Motor Corporation Ltd.
广州汽车集团股份有限公司
Guangzhou Automobile Group Co., Ltd.
吉利汽车有限公司
Geely Automobile Co., Ltd.
奇瑞汽车股份有限公司
Chery Automobile Co., Ltd.
比亚迪股份有限公司
BYD Co., Ltd.
中国重汽集团有限公司
China National Heavy-duty Truck Group Co., Ltd.
长城汽车股份有限公司
Great Wall Motor Co., Ltd.
江淮汽车股份有限公司
JAC Motor Co., Ltd.
华晨汽车集团
Huachen Auto Group
清华大学
Tsinghua University
同济大学
Tongji University
上海交通大学
Shanghai Jiao Tong Univeristy
吉林大学
Jilin University
北京理工大学
Beijing Institute of Technology
华南理工大学
South China University of Technology
江苏大学
Jiangsu University
合肥工业大学
Hefei University of Technology
北京航空航天大学
Beihang University
沃尔沃汽车集团中国区
Volvo Cars China
泛亚汽车技术中心有限公司
Pan Asia Technical Automotive Center (PATAC)
博世（中国）投资有限公司
Bosch (China) Investment Ltd.
采埃孚（中国）投资有限公司
ZF (China) Investment Co., Ltd.
AVL 中国
AVL China
舍弗勒投资（中国）有限公司
SCHAEFFLER Trading (Shanghai) Co., Ltd.
康明斯（中国）投资有限公司
Cummins (China) Investment Co., Ltd.

中国汽车技术战略国际咨询委员会（iTAC）第一届闭门会议
The 1st Work Conference of International Technology Advisory Committee for China Automotive Industry (iTAC)

自 2009 年以来，中国汽车产业已连续六年蝉联世界产销第一，进入由大到强的发展阶段。中国汽车产业如何抓住第三次工业革命的契机，以技术创新推动产业创新，突破当前制约汽车产业发展的能源、环境、交通等限制因素，与相关产业深度融合，探索可持续发展之路，成为全行业关注的重点问题，也是全球汽车行业持续增长的关键瓶颈之一。

为此，中国汽车工程学会拟发起成立“中国汽车技术战略国际咨询委员会 (iTAC)”，组建一支由国际知名整车和零部件企业 CTO、关键技术领域国际知名专家以及主要行业组织负责人等所构成的“汽车智库团队”，充分运用国际顶层专家资源，搭建国内外汽车技术领军人物交流和对话平台，学习汽车强国发展经验，听取关键技术发展战略，共同探讨能源、环境、交通、安全等关键共性问题，为汽车技术和产业协调发展贡献力量。

iTAC 将于每年中国汽车工程学会年会期间，同地举行年度闭门工作会议。首届 iTAC 闭门会议暨成立大会将于 2015 年 10 月 27 日在上海举行。会议主题为“面向中国制造 2025 的中国汽车产业技术路线图”。

The automotive industry in China grows rapidly and has been the largest since 2009. However, many challenges remain ahead. How could we explore a way of sustainable development? Can we seize the opportunities of the third industrial revolution to promote healthy development of the auto industry? How would we solve the problems such as energy shortage, environmental pollution and traffic congestion?

With this stringent background, SAE-China is initiating the International Technology Advisory Committee for China automotive industry (iTAC). The goal is to create a communication platform for technical leaders from all over the world with top-level intelligence of the industry, and provide strategic advices for the sustainable development of China automotive industry. The leaders who will be invited would represent the best knowledge from the major OEMs and suppliers companies, and the number of the leaders who will serve on the iTAC board should be controlled since the seats are limited.

An annual closed-door work conference will be organized concurrently during the SAE-China Congress. The first exclusive event of iTAC will be held in Shanghai on Oct. 27, the first day afternoon of 2015 SAECCE, under the theme of “the Technical Roadmap for China Automotive Industry in the context of Made in China 2025”.

试乘试驾
Test Drive

时间 / Time： 10 月 27–28 日 10:00–11:30、13:00–17:00 / 10:00–11:30、13:00–17:00, Oct. 27–28
地点 / Venue： 北展厅外北侧停车场 / North Parking Lot Outside North Exhibition Hall

活动支持单位 / Supported by：
博世汽车部件（苏州）有限公司 底盘控制系统中国区 / Bosch Automotive Products (Suzhou) Co., Ltd.

试乘试驾内容 / Test Drive Programs：

- 针对弱势道路使用者的自动紧急制动
- 城市自动紧急制动
- 全自动泊车辅助
- 再生制动系统及能量回收
- AEB-VRU
- AEB-City
- Automatic Park Assist (APA)
- Regenerative Braking System

智能网联汽车试点示范项目（首期）
Intelligent and Connected Vehicle Demonstration Program (First Phase)

时间 / Time： 10 月 27–29 日 / Oct. 27–29
地点 / Address： 上海汽车城公园 / Shanghai International Automobile City Park

为推动我国智能网联汽车技术和产业的发展，中国汽车工程学会联合上海国际汽车城、清华大学、同济大学等单位发起建设上海智能网联汽车示范区。示范区旨在建设面向智能网联汽车的测试、验证的环境条件，及数据收集、分析、管理监控平台，推动相关标准和政策研讨、制订与推广，助力产业加速发展。该示范区已入围工信部 2015 智能制造试点示范行动首批名单。

In order to boost the development of technology and industry of intelligent and connected vehicles, SAE-China initiated the construction of Shanghai Intelligent and Connected Vehicle Demonstration Area together with Shanghai International Automobile City, Tsinghua University, Tongji University and other more units. This program aims promote a rapid development of the automotive industry in ways of creating an environmental condition for testing and validation of intelligent and connected vehicles, as well as setting up a platform for data collection, analysis, management and monitoring. The demonstration program has been included in the first list of 2015 Intelligent Manufacturing Pilot Demonstration Actions of the Ministry of Industry and Information Technology (MIIT).

应用场景介绍 / Application scenarios：

- 绿波带通行
- 前方弯道危险预警
- 道路危险状态提示
- 闯红灯预警
- 行人与非机动车预警
- 前方车辆紧急制动预警
- 后方紧急车辆避让
- Green Wave Pass
- Corner Risk Early Warning
- Road Dangerous Condition Reminder
- Running Red Light Early Warning
- Pedestrians and Non-Motor Vehicles Early Warning
- Front Vehicle Emergency Braking Early Warning
- Rear Emergency Vehicle Collision Avoidance

路线一：上海机动车检测中心
Line 1: Shanghai Motor Vehicle Inspection Cente

时间及地点 / Date & Venue:
2015 年 10 月 29 日 14:00–17:00 上海市嘉定区安亭镇于田南路 68 号
14:00–17:00, Oct. 29, No.68 Yutian South Rd. Anting,Jiading,Shanghai
参观人数 / Maximum Reception:100
收费 /Charge: ￥50/person

上海机动车检测中心落于上海安亭国际汽车城，总投资超过 12 亿元人民币，占地面积 18 万平方米，下属国家机动车产品质量监督检验中心（上海）、国家新能源机动车产品质量监督检验中心、国家机动车专用检测设备计量站。拥有汽车整车实验室、汽车被动安全实验室、机动车排放与节能实验室、机动车安全部件及环境实验室、机动车电磁兼容（EMC）实验室、摩托车综合实验室、机动车灯具实验室、新能源机动车专项检测实验室、计量检定校准实验室等一批国际一流、国内先进的实验室，是我国政府行业主管部门授权并获得广泛国际认可的权威技术机构。

上海机动车检测中心的检测技术服务能力覆盖汽车、摩托车、新能源汽车、各类零部件产品，开展车辆安全、环保、节能和防盗等各项强制性项目的检测，各类研发性的检测试验及技术研究，开展包括车辆碰撞安全性、NVH、发动机系统匹配、车辆道路综合性能及可靠性、电磁兼容性（EMC）、各类零部件及材料的环境及耐候性等研发检测试验。

Shanghai Motor Vehicle Inspection Center (SMVIC), covering an area of 180,000 square meter, is located in Shanghai Anting International Vehicle City with more than 1.2 billion investment. National Center of Supervision and Inspection on Motor Vehicle Products Quality (Shanghai), National Center of Supervision and Inspection on New Energy Motor Vehicle Products Quality and National Station of Inspection on Motor Vehicle Dedicated Test Devices. It boasts internationally advanced laboratories of completer vehicle, passive safety, emission and energy efficiency, components and inner ambiance, EMC, motorcycle, automotive lamp, new energy vehicle and calibration and measurement. These laboratories are the institutes authorized by the line ministry of Chinese government and gain global approval.

The technical capability of inspection and service of SMVIC covers complete vehicle, motorcycle, new energy vehicle and automobile components. It has all the commendatory tests on safety, environment protection, energy efficiency, theft resistance and so on. Development and research tests, including vehicle passive safety, NVH, engine system matching, comprehensive performance and reliability of on-road vehicle, EMC, various kinds of components and ambiance durability of materials, etc., are also held in it.

路线二：上海卡耐新能源有限公司
Line 2: Shanghai CENAT New Energy Co., Ltd.

时间及地点 / Date & Venue:
2015 年 10 月 29 日 14:00–17:00 上海市嘉定工业区兴邦路 398 号
14:00–17:00 Oct. 29, No.398,Xingbang Rd,Jiading Industrial Zone,Shanghai
参观人数 / Maximum Reception:15–20 person/batch, maximum 2 batches
收费 /Charge: ￥50/person

上海卡耐新能源有限公司是有中国汽车技术研究中心（CATARC)、日本英耐时株式会社等共同出资设立的中外合资公司，专业从事汽车动力锂离子电池研发、生产和销售，其技术路线是三元锂离子软包装，提供产品有三元软包锂离子电池、模块、模组及电池包系统和成组技术等。公司位于上海市嘉定工业区，占地面积 50 亩，现有厂房面积 10000 平方米，规划投资总额 10 亿人民币。届时热烈欢迎各位领导参观公司锂电池生产线，公司生产设备从国外采购，具有全球先进水平，致力于建设多元化的、具有显著特色的国际一流新能源公司，为全人类奉献更多的清洁能源。

SHANGHAI CENAT NEW ENERGY CO.,LTD is a JV co-established by China Automotive Technology & Research Center (CATARC) and Japan ENAX, Inc, with its main business scope of lithium-ion vehicle battery R&D, production and marketing, its technical route is NMC li-ion soft package, can provide the product of cells,module,pack and battery system & solution. It is located at Shanghai Jiading Industrial Zone, covering a area of 50 Acres(35,000m2), the existing plant area is 10000m2, and the gross investment is 1 billion RMB. We would like to take this opportunity to warmly welcome you all to the SHANGHAI CENAT lithium ion production plant, most of production equipment are imported and have world-advanced management level,devoted to build a diversified, has the remarkable characteristics of the international first-class new energy company, to contribute to all humanity and bring more clean energy.

路线三：同济大学汽车学院
Line 3: School of Automotive Studies, Tongji University

时间及地点 / Date & Venue:
2015 年 10 月 29 日 14:00–17:00 上海市嘉定区曹安路 4800 号
14:00–17:00 Oct. 29, No.4800,Caoan Rd,Jiading District,Shanghai
参观人数 / Maximum Reception: 50
收费 / Charge: ￥50 / person

1978 年，热能动力机械（动力）专业恢复招生。1991 年 4 月，汽车工程系正式成立。下设工程机械专业、汽车专业、热能动力与装置专业，1996 年重组成新的汽车工程系。2002 年 4 月 28 日，在汽车工程系、新能源汽车工程中心、汽车营销管理学院的基础上，同济大学汽车学院正式成立。2004 年 9 月，汽车学院全体迁入位于上海国际汽车城的同济大学嘉定校区。

汽车学院拥有世界先进水平的汽车及发动机研发试验设备，如汽车转鼓试验台、汽车废气排放测试分析仪、汽车道路模拟振动台，整车半消声室以及三坐标仪等。本路线将主要参观汽车学院的上海地面交通工具风洞中心和新能源汽车工程中心试验试制基地。

In 1978, the major of Thermal Dynamic Mechanics restarted admission of new students.In April of 1991, the Department of Automotive Engineering was established officially with three majors, respectively, engineering mechanics, thermal dynamics and equipment. The Department was re-organized in 1996.On April 28th, 2002, the School of Automotive Studies was launched on the basis of automotive engineering department, center of new-energy automotive engineering and school of automobile marketing management. In Septermber, 2004, the whole School was moved into the Jiading Campus of Tongji Univeristy in Shanghai International Automobile City.

The School of Automotive Studies is equipped with most advanced R&D test facility of vehicle and engine, including chassis dynamometer, test analyzer of vehicle exhasust emission, road simulation vibrostand, semi-anechoic room and CMMs. The activity is designed to visit the Shanghai Automotive Wind Tunnel Center and Test Laboratories of Clean Energy Automotive Engineering Center.strengthen themselves and be better prepared for the real working environment.

路线四：上海大众汽车有限公司
Line 4: Shanghai Volkswagen Automotive Co., Ltd.

时间及地点 / Date & Venue:
2015 年 10 月 29 日 14:00–17:00 上海市嘉定区洛浦路 63 号
14:00–17:00 Oct. 29, No.63, Luopu Rd,Jiading District, Shanghai
参观人数 / Maximum Reception: 50
收费 / Charge: ￥50 / person

中德合资上海大众汽车有限公司（以下简称上海大众汽车）成立于 1985 年 3 月，由上汽集团和大众汽车集团合资经营。公司总部位于上海安亭国际汽车城，并先后在南京、仪征、乌鲁木齐、宁波、长沙等地建立了生产基地。2015 年 7 月，上海大众汽车历年累计产量突破 1300 万辆，再度创下国内乘用车行业新记录。目前，企业已初步具备内外造型，前期开发，车身开发，发动机、底盘和电器集成开发和认可的自主开发能力。

本次技术参观将主要参观上海大众第一工厂，感受上海大众汽车高标准、高质量的生产理念和制造工艺。

The Sino-German Shanghai Volkswagen Automobile Co., Ltd. (hereinafter referred to as Shanghai VW) was established in March of 1985 by SAIC and Volkswagen Group. Its headquarters is located in Shanghai International Automobile City in Anting, and there are more production bases built in other cities such as Nanjing, Yizheng, Urumchi, Ningbo and Changsha. By July, 2013, the cumulative production of Shanghai VW has exceeded 130 million, again setting a new record in the domestic passenger vehicle industry. At present, Shanghai VW has obtained a primary capacity of independent R&D covering interior/exterior design, pre-development, car body, engine, chassis and circuit integration.

Delegates will mainly visit the No.1 Plant of Shanghai VW and experience in person its high-standard, high-quality manufacturing concepts and techniques.


Convention Center
会议中心
VIP Lounge
贵宾室
OEM (R)
上汽 SAIC (R)
长安 Changan (R)
北汽 BAIC (R)
广汽 GAC (R)
大陆 Continental (R)
长城 Great Wall (R)
电装 Denso
米拉 Mira
IDIADA
AHK (R)
里卡多 Ricardo
巴伐利亚馆 Bavarian Pavilion (R)
杜邦 Dupont
FEV
博世 Bosch (R)
三菱化学 Mitsubishi Chem
日本馆 Japan Pavilion
本特勒 Bentler
马瑞利 Marelli
伊士曼 EASTMAN
麦格纳 Magna (R)
采埃孚 ZF (R)
UREAL (R)
会议室 Meeting Room
餐区 Catering Zone
餐区 Catering Zone
OEM
OEM
OEM (R)
OEM & Conference Room
整车厂&会议室
汽车电子 Electronics
车身&制造工艺 Body & Manufacturing
动力总成 Powertrain

作为年会的延伸，SAECCE 2015 技术展览将为国内外整车配套及制造设备企业，开辟一个独立的舞台，专注于展示全球最高端的未来汽车动力、关键技术、整车与零部件、生产工艺与设备。为期 3 天的展览预期将吸引 150 家国内外汽车工程企业参展，更有来自德国、日本及巴伐利亚的企业组团参展，带来汽车强国的先进理念与技术革新。技术展览面积将达到 11,000 平米，专业观众预计将达到 10,000 人。

As an extension of the Congress, the Technical Exhibition will provide an effective platform of demonstrating the latest research results, exchanging technologies and negotiating in-depth cooperation for the automotive industry.150 national and international companies will exhibit on the three day exhibition, including pavilion exhibitors from Germany, Japan and Bavaria, showcasing the advanced concepts and technical innovation of world’s leading powers in automotive industry. The exhibition area covers 11,000 m2, expecting more than 10,000 trade visitors.

部分展商名单 Exhibitor List

编号	参展商中文名	参展商英文名	总部国籍
1	余姚市锐麒电子有限公司	Yu Yao RUIQI ELECTRONICE CO.,LTD	China
2	FEV GmbH	FEV GmbH	USA
3	IDIADA Automotive Technology SA	IDIADA Automotive Technology SA	Spain
4	Pi Innovo LLC	Pi Innovo LLC	USA
5	埃克萨（上海）模拟软件技术有限公司	Exa (Shanghai) Simulation Software Technology Co., Ltd.	China
6	艾尔维汽车工程技术（上海）有限公司	IAV Automotive Engineering (Shanghai) Co., Ltd.	Germany
7	安泰科技股份有限公司	Advanced Technology & Materials Co., Ltd.	China
8	奥林巴斯（中国）有限公司	OLYMPUS	Japan
9	北京新光凯乐汽车冷成型件股份有限公司	Beijing Singu Keller Automotive Cold Forming Parts Inc.	Germany
10	本特勒投资（中国）有限公司	Benteler Automotive (China) Investment Limited	Germany
11	博格华纳（中国）投资有限公司	BorgWarner (China) Investment Co., Ltd.	USA
12	德斯拜思机电控制技术（上海）有限公司	Dspace Mechatronic Control Technology (Shanghai) Co., Ltd.	Germany
13	杜邦中国集团有限公司上海分公司	Dupont China Holding Co., Ltd. Shanghai Branch	USA
14	法雷奥汽车自动传动系统（南京）有限公司	Valeo Automotice Transmissions System (Nanjing) Co., Ltd.	France
15	佛吉亚（中国）投资有限公司	Faurecia	France
16	高銘电子（惠州）有限公司	Comax Electronics (Huizhou) Co Ltd.	Hong Kong
17	赫尔思曼汽车技术（南通）有限公司	Hirschmann Automotive	Germany
18	李尔公司	Lear Corporation	USA
19	联创汽车电子有限公司	DIAS Automotive Electronic Systems Co., Ltd.	China
20	马瑞利（中国）有限公司	Magneti Marelli (China) Co., Ltd.	Italy
21	米巴精密零部件（中国）有限公司	Miba Precision Components (China) Co., Ltd.	Japan
22	米拉车辆工程技术（上海）有限公司	MIRA China Ltd.	UK
23	慕贝尔汽车部件（太仓）有限公司	Mubea Automotive Components (Taicang) Co., Ltd.	Germany
24	纳维达斯商贸（苏州）有限公司	NAVITAS TRADING （Suzhou）Co.LTD.	Japan
25	乔治费歇尔汽车中国	Georg Fischer Automotive China	Switzerland
26	清华大学苏州汽车研究院	Tsinghua Suzhou Automotive Research Institute	China
27	日立化成（中国）投资有限公司	Hitachi Chemical (China) Co., Ltd.	Japan
28	三菱化学株式会社	Mitsubishi Chemical Corporation	Japan
29	三菱综合材料管理（上海）有限公司	MITSUBISHI MATERIALS (SHANGHAI) CORPORATION	Japan
30	山东银光钰源轻金属精密成型有限公司	Shandong Yinguang Yuyuan Light Mental Procise Forming Co., Ltd.	China
31	上海沪敖信息科技有限公司	Shanghai Huao Information Technology Co., Ltd.	Canada
32	武汉英泰斯特电子技术有限公司	Wuhan Intest Electronic Technology Co., Ltd.	China
33	西尔勒变速器系统（上海）有限公司	Sila Shanghai Gearshift Systems Co., Ltd.	Italy
34	厦门立洲五金弹簧有限公司	Xiamen Lizhou Hardware Spring Co., Ltd	China
35	旭硝子株式会社	ASAHI Glass Co., Ltd.	Japan
36	伊士曼（中国）投资管理有限公司	Eastman Chemical (China) Co., Ltd.	USA

住宿预订 Hotel Reservation

年会组委会为参会代表推荐以下 7 家住宿酒店，且将在 10 月 27–29 日期间均提供酒店至会场（上海汽车会展中心）的免费早晚班车。以下价格均包含早餐，并提供免费上网服务。参会代表的住宿费用自理。

2015 SAECCE Organizing Committee recommends the following seven hotels with special contract room rates, and will provide free shuttle buses from and to the Congress venue (SAEC) during Oct. 27–29. All prices listed include breakfast and free access to Internet. Accommodation fees should be covered by delegates.

有住宿需求的参会代表，可在线预订除上海颖奕皇冠假日酒店外的其他酒店，预订链接，http://saecce2015.91websoft.com/。

最后预定和修改订单的期限为 2015 年 10 月 16 日。

在线预订咨询，请联系：

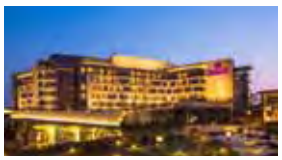
上海安莎国旅旅行社有限公司

联系人：章强先生 / 电话：021–5101 3783 / 传真：021–5101 3782 / 手机： 156 0178 2688

Delegates can book online for rooms in the other seven hotels except Crowne Plaza Shanghai Anting. Please visit http://saecce2015.91websoft.com/ to make your reservation. Deadline for booking and cancellation is Oct. 16, 2015. For enquiries, please contact: ANSA International Travel Service
Contact: Mr. Zhang Qiang / Tel: 86–21–5101 3783 / Fax: 86–21–5101 3782 / Mobile: 86–156 0178 2688

预定上海颖奕皇冠假日酒店，请直接拨打酒店电话，提供“中国汽车工程学会年会”这一活动名称后方可享受协议优惠价格。

To book a room in Crowne Plaza Shanghai Anting, please contact the hotel directly. Please refer to “2015 SAECCE” while making the reservation so as to enjoy the special room rate.

	酒店名称 Hotel	到展馆的路程 Distance to SAEC	基础双人间每晚价格 Standard room rate per night（净价）
	上海颖奕皇冠假日酒店（★★★★★） Crowne Plaza Shanghai Anting 预定电话：021–6056 8888 / Reservation hotline: 86–21–6056 8888 地址：上海市安亭镇博园路 6555 号（近安虹路） Add: No.6555 Boyuan Road, Anting Town, Shanghai	3.2 公里	RMB 730
	昆山花桥希尔顿逸林酒店（★★★★★） DoubleTree by Hilton Huaqiao Kunshan 地址：昆山花桥国际商务城兆丰路 2 号 Add: No. 2 Zhaofeng Road, Huaqiao CBD, Kunshan City	2.9 公里	RMB 700
	上海驿岛酒店（准五星，未挂星） Urban Island Hotel Shanghai 地址：上海市安亭镇南安 18 弄 1 号 Add: 18 Lane Nan'an Road, Anting Town, Jiading District, Shanghai	1.8 公里	RMB 650
	上海新词商务酒店（★★★★） Shanghai Xinci Business Hotel 地址：上海市安亭镇墨玉路 29 号（近曹安公路） Add: No.29 Moyu Road, Anting Town, Shanghai	2.1 公里	RMB 380
	上海嘉正国际安内吉酒店（★★★★） Jiazheng International Hotel 地址：上海市安亭镇墨玉路 28 号（近曹安公路） Add: No. 28 Moyu Road, Anting Town, Jiading District, Shangha	1.7 公里	RMB 438
	上海新蕾枫大酒店（★★★） New Leifeng Hotel 地址：上海市安亭镇黄渡绿苑路 300 号（近嘉松北路） Add: No. 300 Lvyuan Road , Anting Town, Jiading District, Shanghai	4 公里	RMB 250
	上海协通大酒店（★★★） Shanghai Xietong Hotel 地址：上海嘉定区曹安路 4671 号，近嘉松北路 Add: No. 4671 Caoan Road, Jiading District, Shanghai	6.4 公里	RMB 260

会场信息 Congress Venue Info:

上海汽车会展中心 / Shanghai Automobile Exhibition Center
地址 Address: 上海市嘉定区安亭镇博园路 7575 号 / No.7575 Boyuan Road, Anting County, Jiading District, Shanghai
电话 Tel:+86-(0)21-69550222

会场位置图 Map:

1. 上海汽车会展中心
   SAEC
2. 安亭地铁站 (11 号线)
   Anting Station(Line 11)
3. 上海嘉正国际安内吉酒店
   Jiazheng International Hotel
4. 上海颖弈假日酒店
   Crowne Plaza Shanghai Anting
5. 新蕾枫大酒店
   Leifeng Hotel
6. 上海协通大酒店
   Shanghai Xietong Hotel
7. 上海市区 / 虹桥机场方向
   Direction of Shanghai Downtown Hongqiao Airport

出租车:
上海火车站 → 嘉定汽车会展中心，约 30 公里。
上海虹桥火车站 → 嘉定汽车会展中心，约 30 公里。
浦东国际机场 → 嘉定汽车会展中心，约 80 公里。
虹桥机场 → 嘉定汽车会展中心，约 30 公里。

公交线路:
陆安专线至博园路站下车即达。

地铁:
可换乘 11 号线（安亭方向）至上海汽车城站下车， 2 号出口出站，然后沿安谐路步行至安驰路后，乘坐组委会安排的短驳班车即达，班车约 10-15 分钟一趟。

自驾车:
场馆位于上海市嘉定区安亭镇墨玉南路、博园路交汇处。

By Taxi:
Shanghai Railway Station → SAEC over 30km away.
Shanghai Hongqiao Railway Station → SAEC over 30km away
Pudong International Airport → SAEC over 80km away.
Hongqiao Airport → SAEC over 30km away.

By Bus:
Lu An Line to Boyuan Road.

By Metro:
Transfer to Line 11 (towards Anting Direction), and get off at Shanghai Automobile City Station, No.2 Exit. Walk along Anxie Road until Anchi Road, and shuttle buses will be provided there at an interval of 10-15 minutes.

By Car:
SAEC is located at the intersection of Moyu South Rd. and Boyuan Rd., Anting Town, Jiading District, Shanghai.

无线上网 WIFI:

上海汽车会展中心可提供每天 2 小时的免费无线上网服务。通过手机选取网络“i-Shanghai”，利用手机短信获取登陆密码，通过统一登录门户认证后，即可无线上网。每天免费上网时间，以第一次上网开始计算 24 小时内有效，上网时间可以累积。

Free Wifi Service is available in SAEC for two hours every day by linking to the Hotspot named “i-shanghai”. To get access, please register with your mobile number first to get a password.

SAECCE
SAE-CHINA CONGRESS & EXHIBITION

- FISITA 2012原班专业团队，续写中国汽车行业技术辉煌
  The same operation team of FISITA 2012 that aims to continue the technical glory of Chinese automotive industry
- 成熟的品牌积累，成功举办21届年会的丰富经验
  Deep accumulation in automotive industry with 21 years of successful organization of SAE-China Congresses
- 丰富的活动内容，多类型专业会议与技术展览的完美结合
  Abundant activities with a perfect combination of various professional meetings and one technical exhibition
- 全行业的高关注，政府代表、技术领袖与业内专家云集到会
  Extensive attention from the whole industry, with participations of representatives from government, OEMs, suppliers, research institutions and universities.
- 独家的技术展览，覆盖全产业链的专业汽车技术现场展示与体验
  Unique technical exhibition, an on-site of showcase and experience that covers the whole Chain

活动联系信息 Contact Information

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活动官网 Event Website: www.saecce.com