

2014 中国汽车工程学会年会暨展览会
SAE-China Congress & Exhibition

征文邀请

Call for Papers

2014.10.22-24 上海 Shanghai

20年成熟品牌保证
Years of Brand Guarantee

300+技术报告
Technical Reports

1200+参会代表
Conference Attendees

10000+平米专业展会
m² Professional Exhibition

10000+专业观众
Target Visitors

中国汽车工程领域的最高学术殿堂
The most academic plaza in the Chinese automotive engineering field

国际汽车技术方面的最佳展示舞台
The best display arena for advanced international automotive technologies

技术领袖和行业专家的深度参与
The intensive participation of technical leaders and experts

整车及零部件企业的鼎力支持
The full commitment from OEMs and components

时间与地点 / Date & Venue

2014年10月22-24日 中国 上海
22nd-24th, October, 2014 Shanghai, China

年会主题 / Theme

面向未来的汽车与交通
Automobiles and Mobility for the Future

年会规模 / Scale

300+ 技术报告
1200+ 参会代表
10000+ 平米专业展会
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年会内容 / Content

全体大会
技术领袖圆桌访谈
专题技术分会
技术论文交流
产品与服务展览

Plenary Session
Executive Panel Discussion
Special Technical Sessions
Paper Exchange Sessions
Exhibition

参会目标 / Why Attend

展示技术和学术实力
分享新思路与新成果
与最新技术保持同步
了解市场和政策动向
与来自汽车企业、学术组织和政府部门建立联系

Display your technical and academic strengths
Share your new ideas and new achievements
Keep pace with the state-of-art technologies
Obtain firsthand information on market and policy trends
Establish network with manufacturers, academy and government

论文提交 / Paper Submission

请于2014年4月18日前, 登陆www.sae-china.org/2014congress, 在线提交您的论文。

2014年会论文总体要求如下:

(征文系统将于2014年2月14日 前开通, 并开始接收论文, 可登录www.sae-china.org/2014congress 下载论文模板)

- 年会科技委员会将组织业内专家根据论文技术水平、创新价值、分析与验证水平等指标, 并综合考虑每个征文主题下所接受的论文数量, 决定是否录取论文。
- 被录取并有作者报名参会的论文将被录取到年会《论文集》光盘(具有ISBN编码)。其中优秀论文同时被收录在《论文集精选集》, 《论文集精选集》将尝试推荐至EI检索。
- 所有录取论文的作者, 均可享受参会注册费优惠。

征文主题 / We call for papers on the following topics

1. 内燃机节能与净化

- 先进柴油机技术
- 先进汽油机技术
- 可变配气技术及增压技术
- 混合动力发动机技术(增程器及混合动力用发动机)
- 燃料喷射与雾化
- 进气流动与燃烧诊断及控制
- 后处理系统与排放控制
- 发动机设计与仿真技术
- 新概念内燃机技术
- 传热与废热利用回收
- 排放标准及规范
- 燃料与润滑

2. 代用燃料汽车技术

- 氢能燃料电池汽车
- 代用燃料汽车关键零部件技术
- 可再生能源在汽车发动机上的应用技术
- 代用燃料在低碳汽车上的应用
- 代用燃料汽车排放控制技术
- 车用代用燃料现状及发展

3. 电动汽车技术

- 先进电池技术
- 先进电机技术
- 电动车控制技术
- 非插电式混合动力汽车
- 插电式混合动力汽车
- 纯电动汽车
- 充电基础设施与智能电网技术
- 电动车城市示范项目

4. 安全技术

- 汽车结构耐撞性
- 乘员保护系统和儿童安全防护
- 行人碰撞保护
- 碰撞生物力学
- 碰撞预判技术/交通事故与再现实
- 碰撞兼容性
- 驾驶行为感知与安全辅助系统
- 汽车操控性与稳定性控制
- 安全标准与规范

5. 汽车电子技术

- 发动机/底盘/车身电子控制
- 电器及电子系统
- 软件及硬件系统
- 电磁兼容性(EMC)
- 汽车传感器及执行器
- 多媒体系统/资讯娱乐系统

6. 先进变速器及动力传动系统

- 离合器系统及控制
- 齿轮系统及动力传动系统
- 传统动力汽车变速器技术
- 混合动力及电动汽车驱动系统
- 整车开发对动力传动系统的性能要求及评价体系

7. 车联网与智能交通-ITS

- 车联网标准与规范
- 智能车载终端与手持终端
- 车联网云平台技术
- 车联网中的信息安全技术

- 驾驶辅助系统
- 车-车/车-路/车-人通讯技术
- 远程信息处理技术与导航系统
- 生态驾驶技术
- ITS系统的协调与规范

8. 先进汽车车身设计

- 先进汽车车身结构与设计技术
- 车身CAD/CAE/CAM/CFD分析·技术与优化
- 先进汽车车身制造技术

9. 底盘系统与集成技术

- 独立悬架系统与非独立悬架系统
- 底盘系统结构与与设计
- 底盘控制与集成技术
- 底盘动力学性能主客观评价技术
- 轮胎及轮毂设计/轮胎特性及建模

10. 整车产品与性能开发

- 整车设计与性能开发
- 汽车人体工程因素设计及内外饰设计技术
- 汽车造型与空气动力学特性设计
- 汽车新材料与新结构技术
- 汽车可靠性技术

11. 振动噪声控制-NVH

- 整车噪声振动控制
- 车身结构噪声振动控制



You are invited to submit your complete paper on-line before April 18th, 2014.

(The submission system will be opened till February 14th, 2014, A complete paper template is available on www.sae-china.org/2014congress)

- The scientific & Technical Committee will decide whether to accept a paper in accordance with index such as paper technical level, values of innovation, skills of analysis and test, etc. Authors should pay particular attention to those aspects of your work which are new, innovative and unique.
- Only papers presented by their authors at the congress will be published in the Congress Proceedings, which will receive an official ISBN code.
- All those whose papers are accepted will be offered preferential registration fees.

- 底盘噪声振动控制
- 发动机噪声振动控制
- 传动系统噪声振动控制
- 进气系统和排气系统噪声振动控制
- 隔振技术及控制
- 电器噪声振动控制
- 风噪控制技术
- 噪声振动测试技术
- 声学包设计开发技术

12. 先进汽车制造技术

- 焊接、连接及栓扣技术
- 铸造技术
- 冲压技术
- 模具设计
- 涂装、聚合物及涂层
- 车身防腐蚀技术
- 先进制造工艺管理体系
- 检测与测量
- 再制造技术

13. 汽车测试与试验技术

- 仿真与试验验证
- 虚拟设计、测试与验证
- 整车系统及零部件测试
- 汽车动力学建模分析

14. 工程建设与装备

- 生产线设计与规划
- 数控机床与制造
- 机器人与自动化控制

15. 现代化管理

- 汽车三包及召回条例的实施对汽车行业和上下游企业的影响及对策研究
- 前瞻技术与投入的决策研究
- 竞争情报技术性研究

1. High Efficiency and Low Emission

- Advanced Diesel Engine Technology
- Advanced Gasoline Engine Technology
- Variable Valve Technology & Supercharging Technology
- Hybrid Engine Technology (Range Extender & Hybrid Engine)
- Fuel Injection and Sprays
- Flow and Combustion Diagnosis
- After Treatment and Emission Control
- Engine Design & Simulation
- New Concept Internal Combustion Engines
- Heat Transfer & Waste Heat Reutilization
- Emission Standards and International Regulations
- Fuel and Lubrication

2. Alternative Fuel Technology

- Hydrogen Fuel Cell Vehicle
- Key Components of Alternative Fuel Vehicle
- Application Technology of Renewable Energy in Automobile Engine
- Application of Alternative Fuel in Low Carbon Vehicles
- Emission Control of Alternative Fuel Vehicle
- Current Situation and Future of Alternative Fuel

3. Electric Vehicle Technology

- Advanced Battery Technology
- Advanced Motor Technology
- Electric Vehicle Control Technology
- Hybrid Vehicle
- Plug-in Hybrid Vehicle
- Electric Vehicle
- Charging Infrastructure and Smart Grid Technology
- Demonstration of Electric Vehicle in Cities

4. Automotive Safety Technology

- Automotive Structure Crashworthiness
- Occupant & Child Safety Protection
- Pedestrian Protection
- Crash Biomechanics
- Crash Pre-Judge Technology/Traffic Accident Analysis and Reconstruction
- Crash Compatibility
- Driving Action Perception & Safety Assistance System
- Vehicle Controls on Handling and Stability
- Safety Standards, International Regulations

5. Vehicle Electronics

- Engine/Chassis/Body Electronic Control
- Electrical & Electronic System
- Software & Hardware Development
- Electromagnetic Compatibility (EMC)
- Vehicle Sensor & Actuator
- Multi-Media/Infotainment System

6. Advanced Transmission System and Driveline

- Clutch System & Control
- Gear System & Driveline
- Traditional Power Transmission Technology
- Hybrid & Electric Vehicle Driving System
- Performance Requirement & Evaluation System of Power Transmission System Based on Vehicle Development

7. Internet of Vehicles & ITS

- Internet of Vehicles Standards & Regulations
- Intelligent vehicle terminal and handheld terminal
- Cloud Platform Technology
- Information Security Technology
- Driver Assistance System
- V2X Communication

- Telematics, Navigation System
- Eco Driving Technology
- Coordinate & Regulations of ITS System

8. Advanced Car Body Design

- Advanced Car Body Structure & Design
- CAD/CAE/CAM/CFD Analysis and optimization
- Advanced Car Body Manufacturing Technology

9. Chassis System & Integration Technology

- Independent Suspension System & Non-independent Suspension System
- Chassis Structure & Design
- Chassis Control & Integration
- Subjective and Objective Evaluation Dynamic Performance
- Tire and wheel Design/ Tire Properties and Modeling

10. Product & Performance Development

- Vehicle Performance Development
- Automotive Ergonomic, Interior & Exterior Trim Design
- Vehicle Style and Aerodynamic Design
- New Materials and Structure
- Automotive Reliability Technology

11. Noise, Vibration & Harshness (NVH)

- Vehicle Vibration & Noise Control
- Body Vibration & Noise Control
- Chassis Vibration & Noise Control
- Engine Vibration & Noise Control
- Transmission Vibration & Noise Control
- Air Intake System & Exhaust System Vibration & Noise Control
- Vibration Isolation

- Technology & Control
- Electrical Vibration & Noise Control
- Wind Noise Control Technology
- Vibration & Noise Testing Technology
- Sound Package Design & Development Technology

12. Advanced Vehicle Manufacturing Technology

- Welding, Joining & Fastening
- Casting Technology
- Stamping Technology
- Mold Design
- Paints, Polymers & Coatings
- Body Corrosion Protection Technology
- Advanced Process Management
- Detection and Measurement
- Remanufacturing technology

13. Vehicle Testing Technology

- Simulation and Experimental Validation
- Virtual Design, Testing and Validation
- Testing of Components, Systems and Full Vehicle
- Dynamic Modeling

14. Engineering Construction & Equipment

- Design & Planning of Production Line
- CNC Machine & Manufacture
- Robotics and Automation

15. Modern Management

- The Influence and Countermeasures Research on the Implementation of 'Repair, Replacement and Refund' Services & Recall Rules to Auto Industry & Upstream and Downstream Enterprises
- Decision-making Research on Prospective Analyses & Input
- Technical Research on Competitive Intelligence

重要日期 / Important Dates

- 论文提交截止日期-2014年4月18日
- 论文录取公布日期-2014年6月20日
- 论文修改上传日期-2014年7月4日
- 初步日程发布日期-2014年8月1日
- Deadline for paper submission -April 18th, 2014
- Notification of paper acceptance -June 20th, 2014
- Deadline for final paper submission -July 4th, 2014
- Release of Preliminary program -August 1st, 2014

中国汽车工程学会

中国汽车工程学会 (SAE-China) 成立于1963年, 是由中国汽车科技工作者自愿组成的全国性、学术性法人团体; 是中国科学技术协会的组成部分, 非营利性社会组织; 是国际汽车工程学会联合会(FISITA)成员, 并任理事; 是国际太平洋地区汽车工程会议 (IPC) 发起国之一 (现已更名为亚太汽车工程年会/APAC)。中国汽车工程学会经过五十余年的发展, 已经成为推动汽车产业健康、持续发展不可缺少的重要力量, 得到了国内外汽车行业、社会各界、政府部门和广大科技人员的认可。中国汽车工程学会目前下设29个专业分会, 并与各个省级汽车工程学会建立了业务指导关系。目前拥有个人会员数万人, 团体会员九百余家。中国汽车工程学会是中国汽车工业传播新思想、交流新技术宣传新观念的重要力量和增进国际汽车行业交流的重要桥梁。

SAE-China

Founded in 1963, SAE-China is a national non-profit academic organization composed voluntarily by enterprises, institutions, incorporations and professionals in automotive and relative industries, and covers a wide range of fields including research, design, manufacturing, training, sales and management. It has been one of the FISITA member societies since 1984.

SAE-China has developed to be a large organization of tens of thousands of individual members and over 900 corporate members along with 29 technical sub-committees as well as over 30 provincial sub-committees. With its established close relations with the government, the industry and the academia, SAE-China is recognized as an important force for spreading new ideas, exchanging new technologies and propagandizing new conception of China auto industry. Moreover, it serves as an important bridge for the strengthening of exchanges between Chinese and international auto industries.

关于年会

为了展示中国汽车工业最新科技成果, 促进汽车技术进步, “2014中国汽车工程学会年会暨展览会” 拟定于2014年10月22日-24日在上海举办。

2014年会将以“面向未来的汽车与交通”为主题, 采用全体大会、高层访谈、专题分会、技术演讲、技术展览等多种形式; 邀请国际知名汽车及零部件企业技术领袖、国内大型汽车企业技术首脑、科研院所学者和专家到会演讲交流, 预计将有来自各级汽车工业主管部门、国内外汽车整车企业及零部件公司、科研院所等单位的1200余名代表参会。

期待您的积极参与和支持。

About SAE-China Congress

To demonstrate the latest achievements and promote the progress of automotive technology, the 2014 SAE-China Congress & Exhibition will be held in Shanghai on October 22nd-24th, 2014.

The 2014 Congress will focus on the theme of “Automobiles and Mobility for the Future”. In ways of paper exchanges, technical presentations, high level panel discussions and professional exhibitions, CTOs, technical executives, scholars and experts from home and abroad will be invited to join this event. Approximately 1200 delegates are expected to attend the Congress, including those from OEMs, component & system suppliers and government bodies, along with research institutes as well as universities.

Welcome to the 2014 SAE-China Congress & Exhibition.



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

地址: 北京西城区莲花池东路102号天莲大厦4层 100055
Add: 4F Tianlian Building, 102 Lianhuachi East Rd, Beijing 100055, P.R. China
电话Tel: +86-10-63345599-836, 831
传真Fax: +86-10-63345466
邮箱E-mail: lrg@sae-china.org
网站Website: www.sae-china.org