

A General Report

on 2010 China (Changchun) International
Automotive Forum & SAE-China Congress



中国汽车工程学会

Society of Automotive Engineers of China



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Overview

- **Date & Venue:**

July 15-18, 2010, Shangri-La Hotel, Changchun

- **Events & Themes:**

July 15th, afternoon: 2010 China (Changchun) International Automotive Forum – Responsibility and Challenges

July 16th-18th: 2010 SAE-China Congress, including:

- * the 1st Chinese Auto OEM R&D Heads Summit – Automobiles & Renewable Energy
- * Technical Exchange Conference – Automobiles & Renewable Energy
- * 13 Parallel Technical Sub-session
- * Technical Visit



Overview

- Scale: 1300 person-time
- Organizers: Jilin Provincial Government
Changchun Municipal Government
Society of Automotive Engineers of China
China FAW Group Corporation
Jilin University
- Hosts: Society of Automotive Engineers of China
Changchun Industry and Information Technology Bureau
Automotive Engineering College, Jilin University
China FAW Group Corporation
Jilin Association for Science and Technology
Society of Automotive Engineers of Jilin Province
- Patronage: 
- Supporter: 

Overview

Organizers & Hosts for Sub-sessions of the Congress:

- Alternative Fuel Vehicles Committee of SAE-China
- Product Committee of SAE-China
- Engineering & Equipment Committee of Sae-China
- Bosch Automotive Products (Suzhou) Co., Ltd.
- China Auto Lightweight Technology Innovation Strategic Alliance
- NiobelCon BVBA
- CITIC-CBMM Microalloying Technology Center
- Project Management Office of Demonstration for Fuel Cell Bus Commercialization in China
- Automotive Technical Education Committee of SAE-China
- Intelligent Transportation System Committee of SAE-China
- Economic Development Research Committee of SAE-China
- Modern Management Committee of SAE-China

Overview

- Sponsors:



- Media Partners:



“21st Century Business Herald”

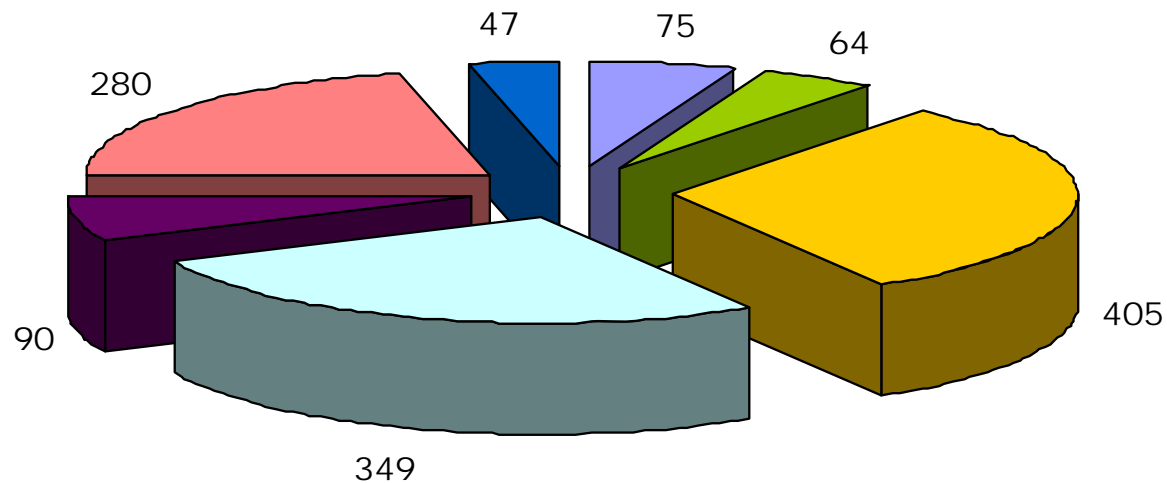
Proceedings and Hard-copy Materials

- **Proceedings:** 711 articles have been called for the Congress, among which
Enrolled Papers: 423 pieces, published in *The Proceedings of 2010 SAE-China Congress* (Published by China Machine Press, ISBN 978-111-30695-5)
Excellent Papers: 35 pieces, published in core journals of *Automotive Engineering* and *Automobile Technology*, 7th edition, 2010
- **Publication:** *The Proceedings of 2010 SAE-China Congress*, *Automotive Engineering* (7th Edition, 2010), *Automobile Technology* (7th edition, 2010)
- **Hard-copy Materials:** *Program*, *Presentation Collections (for Plenary Session)*, *Presentation Collections (for Sub-sessions)*, etc.



Attendees

Over 1,300 representatives from governments, NGOs and Associates, OEMs, component and system suppliers, heads of research institutions, as well as technicians and universities students attended the Congress.



■ Government ■ NGOs ■ OEMs ■ Suppliers ■ Research institutions ■ Universities ■ Others

Attendees

- **OEMS including:**

FAW, Dongfeng Motor, SAIC, Changan Group, BAIC, GAIG, Sino Truck , Shannxi Automobile Group, Brilliance Auto, Chery, Greely, Great Wall Motor, FAW-Volkswagen, FAW-Car, Haima (Zhengzhou), Haima(Shanghai), BYD, JAC, JMC, BeiBen-Baotou, Lifan, Shanghai-Volkswagen, Volkswagen China, GM China, Toyota, Nissan, Mazda China, BMW, SGM, PSA, Liuzhou Wuling, Tianjin-FAW-Xiali, ZOTYE Auto, FAW-Jiefang Qingdao, Dongfeng Liuzhou Auto, Nanqi, etc.

- **Component & System Suppliers including:**

Continental, Bosch, Cummins, Honeywell, Magna, Denso, Panasonic, Benteler, Weichai, SDEC, Yanfeng Visteon, etc.

Media Coverage

- Major industrial presses, such as *China Auto News*, *China Industrial News*, financial media like 21st Century Business Herald, major net media including Sohu, Sina, NetEase and QQ.com, all of them have provided positive media coverage for this Congress, and arranged special interviews with some attendees.



News in *China Auto News*



News in *China Auto News*



News in *China Industrial News*

Media Coverage



Sohu Live: <http://auto.sohu.com/s2010/2010gcxh/index.shtml>

Sina Live: <http://auto.sina.com.cn/z/10ccinterautoforum/>

NetEase live: http://auto.163.com/special/00084IOR/2010sae_china.html

QQ.com Live: <http://auto.qq.com/zt2010/ccasc/index.htm>

Events and Scene Photos

Forum (July 15th)

Opening Ceremony Addressers & Moderator



Mr. He Guangyuan
Former Minister of
Machinery Industry



Mr. Christoph Huss
BMW Senior Vice President
for Science and Traffic Policy
FISITA President 2008-2010



Prof. Guo Konghui
Academician of the Chinese
Academy of Engineering



Mr. Cui Jie
Mayor of Changchun



Mr. Sui Zhongcheng
Executive Vice Mayor
of Changchun

Events and Scene Photos

Forum (July 15th)

Keynote Speakers



Mr. Li Xiangguo

Assistant to Mayor of Changchun
President of the Administrative Committee of
Changchun Auto Industry Development Zone



Mr. Zhang Xiaoyu

Executive Vice President of CMIF,
President of SAE-China



Mr. Wu Shaoming

Vice General Manager,
China FAW Group

Events and Scene Photos

Panel Discussion (July 15th)

Panelists & Onsite Pictures



Mr. Na Junkang
Mayor of Liuzhou



Mr. Fu Yuwu
Executive Vice President
& General Secretary of
SAE-China



Mr. Dong Yang
Executive Vice President
& Secretary General of
CAAM



Mr. Zhao Hang
President of CATARC



Mr. Yang Junliang
Vice Secretary General of
Changchun Government



Events and Scene Photos

Technical Summit & The First Chinese Auto OEM R&D Heads Summit (July 16th)

Addressers & Moderator



Mr. Zhang Xiaoyu
Executive Vice President of CMIF,
President of SAE-China



Mr. Fu Yuwu
Executive Vice President &
General Secretary of SAE-China



Prof. Guan Xin
Dean of College of Automotive
Engineering of Jilin University
Vice President of SAE-China

Events and Scene Photos

A Declaration on Technical Innovation of Chinese Automotive Industry (July 16th)

On behalf of 14 organizations, SAE-China announced “the Changchun Consensus” under the title of “Technical Innovation and Win-Win Cooperation”, uttering a strong voice of independent innovation.



Core Organizations for the Declaration:

- SAE-China
- China FAW Group
- Dongfeng Motor Corporation
- SAIC Motor Corporation Limited
- Chongqing Changan Automobile Co., Ltd.
- Beijing Automotive Industry Holding Co., Ltd.
- Guangzhou Automobile Group Co., Ltd.
- Chery Automobile Co., Ltd.
- Zhejiang Geely Holding Group Co., Ltd.
- BYD Auto Co., Ltd.
- Brilliance Automobile Group Holding Co., Ltd.
- JAC Motors Co., Ltd.
- Greatwall Motor Company Limited
- China Heavy-duty Truck Group Co., Ltd.

Events and Scene Photos

A Declaration on

Technical Innovation of Chinese Automotive Industry (July 16th)

The “Changchun Consensus” puts forward ten measures, attempting to solve the problems concerning independently innovation fundamentally in the key development stage of Chinese automotive industry. The final purpose is to enhance the enterprises’ developing ability of core technologies, and further, to realize the transforming of Chinese automotive industry from weak to strong in the way of “technical innovation and win-win cooperation”.

- Mastering Core Technology and enhancing R&D ability
- Supporting a range of component suppliers of international competitiveness
- Pushing forward the innovations on technical management scheme
- Seizing the chance of new energy technical development
- Reinforcing the cultivation of talent backups
- Gearing the technical regulations to international standards
- Utilizing the resources resulted from the cooperation among government, industry, research institutions and universities
- Creating active academic atmosphere
- Establishing a research institution on internal and external market demand
- Strengthening the technical cooperation with other related industries

Events and Scene Photos

Keynote Speech (July 16th)



Mr. Christoph Huss
BMW Senior Vice President for
Science and Traffic Policy
FISITA President 2008-2010



Mr. Ted Robertson
President of Magna E-Car
Systems, N.A & FISITA
President 2010-2012



Prof. Zhong zhihua
Academician of the Chinese
Academy of Engineering
President of Hunan University



Dr. Li Jun
Vice Chief Engineer of
China FAW Group, FISITA
President 2012-2014

Keynote speech	
09:20-09:35	BMW Efficient Dynamics -Mr.Christoph Huss, BMW Senior Vice President for Science and Traffic Policy, FISITA President 2008-2010
09:35-09:50	Plugging In: An Inside Look at Future Vehicles -Mr. Ted Robertson, President of Magna E-Car Systems, N.A, FISITA President 2010-2012
09:50-10:05	Automotive Energy-Efficient and Emission-Reduction & Independent and Innovative Research -Prof. Zhong Zhihua, Academician, President of Hunan University
10:05-10:20	Five Trends of China Automotive Technical Innovation by 2020 -Dr. Li Jun, Vice Chief Engineer of China FAW Group, FISITA President 2012-2014

Events and Scene Photos

Panel Discussion (July 16th)

Panelists



Mr. Christoph Huss
BMW Senior Vice President
for Science & Traffic Policy
FISITA President 2008-2010



Mr. Ted Robertson
President of Magna E-Car
Systems, N.A & FISITA
President 2010-2012



Dr. Li Jun
Vice Chief Engineer of
China FAW Group
FISITA President 2012-2014



Dr. Gao Weimin
General Manager of
Technical Center,
SAIC Motor Co., Ltd



Dr. Frank Zhao
Vice President of Zhejiang
Geely Holding Group Co., Ltd



Moderator

Dr. Peng Lixin
Director of Cummins China

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Panel Discussion (July 16th)

Panelists and On-site Scene

- Mr. Huang Xiangdong, President of GAC Automotive Engineering Institute, Guangzhou Automobile Group Co., Ltd
- Mr. Li Wei, Executive Vice President of Changan Automotive Engineering Institute
- Prof. Lin Yi, Executive Vice President of Beijing Automotive Technology Center
- Dr. Zhou Jianguang, Deputy President of Dongfeng Automotive Research Institute
- Mr. Xing Rufeif, President of R& D Center, Brilliance Jinbei Automobile Co., Ltd.
- Mr. Li Qiang, Deputy Director, R & D Center, Greatwall Motor Company Limited
- Mr. Yang Jianchun, BYD Auto Co., Ltd.
- Mr. Yang Linqiang, JAC R&D Center



Events and Scene Photos

Plenary Session (July 16th)



Mr. Tsuboi Jun



Mr. Joerg Grotendors



Mr. Xavier Ribas



Prof. Nigel N. Clark

Technical Presentation	
Moderator: Prof. Yu Zhuoping, Assistant President of Tongji University, Vice President of SAE-China	
14:00-14:25	Toyota's R&D Activities for Realizing Sustainable Mobility-Approaches to Promote Electricity Use -Mr. Tsuboi Jun, General Manager, Regulation certification & Technical Affairs Division, Toyota Motor Technical Center China Co. Ltd
14:25-14:50	Electric Drivetrain Components: Strategies and Solutions of an Automotive Supplier - Mr. Joerg Grotendorst , Vice President , Business Unit Hybrid Electric Vehicle, Powertrain Division, Continental
14:50-15:15	Liquefied Natural Gas Engine Developments for Current Emission Requirements -Mr. Xavier Ribas, Project Manager, Commercial Vehicles Engineering, Powertrain; Applus IDIADA Group
15:15-15:40	Heavy-Duty Hybrid Electric Vehicles -Prof. Nigel N. Clark , Professor, Mechanical and Aerospace Engineering and George Berry Chair of Engineering, West Virginia University

Events and Scene Photos

Plenary Session (July 16th)



Dr. John Du



Prof. Deng Weiwen



Mr. Zhou Yabin

Technical Presentation	
16:00-16:25	Urban Smart Connected Vehicle Vision in 2030 - Dr. John Du, Director, China Science Lab, GM China
16:25-16:50	Green Vehicles with Intelligence: Opportunities and Challenges - Prof. Deng Weiwen, Scientist of Thousand Talents Scheme, Jilin University
16:50-17:15	Lubrication Improvement Route in Low-Carbon Economy Period - Mr. Zhou Yabin, President of Lanzhou Research Institute, Petro China Lubricant Company

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Parallel Technical Sub-sessions (July 17th)

13 Technical Sub-sessions List:

- Sub-session 1: Alternative Fuel Vehicles & Engine Technology
- Sub-session 2: Automobile Performance & System Development
- Sub-session 3: Automobile Reliability and Evaluation
- Sub-session 4: Engineering & Equipment
- Sub-session 5: Automotive Safety Technology
- Sub-session 6: Car Body & Lightweight Technology
- Sub-session 7: Fuel Cell & New Energy Vehicle
- Sub-session 8: Transmission and Chassis Technology
- Sub-session 9: 2010 Young Engineers Forum
- Sub-session 10: Intelligent Transportation System and Safety
- Sub-session 11: Research on Automotive Economy
- Sub-session 12: Modern Management
- Sub-session 13: Commercial Vehicle Technolog

Events and Scene Photos

Parallel Technical Sub-sessions (July 17th)



Sub-session 1 (about 100 attendees)



Sub-session 2 (about 50 attendees)



Sub-session 3 (about 50 attendees)



Sub-session 4 (about 80 attendees)



Sub-session 5 (about 100 attendees)



Sub-session 6 (about 100 attendees)



Sub-session 7 (about 100 attendees)



Sub-session 8 (about 50 attendees)



Sub-session 9 (about 100 attendees)

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Parallel Technical Sub-sessions (July 17th)



Sub-session 10 (about 60 attendees)



Sub-session 11 (about 60 attendees)



Sub-session 12 (about 40 attendees)

2010中国汽车工程学会年会 2010 SAE-China Congress	
商用车技术分会场 Commercial Vehicle Technology	
分会场交流 Parallel Technical Sub-sessions 12-13	
香格里拉大酒店三楼大连厅 Dalian Room, 3F, Shangri-La Hotel	
12:00-12:15	开幕式, 商用车技术分会开幕式
12:15-12:30	商用车技术分会开幕式
12:30-12:45	商用车技术分会开幕式
12:45-13:00	商用车技术分会开幕式
13:00-13:15	商用车技术分会开幕式
13:15-13:30	商用车技术分会开幕式
13:30-13:45	商用车技术分会开幕式
13:45-14:00	商用车技术分会开幕式
14:00-14:15	商用车技术分会开幕式
14:15-14:30	商用车技术分会开幕式
14:30-14:45	商用车技术分会开幕式
14:45-15:00	商用车技术分会开幕式
15:00-15:15	商用车技术分会开幕式
15:15-15:30	商用车技术分会开幕式
15:30-15:45	商用车技术分会开幕式
15:45-16:00	商用车技术分会开幕式
16:00-16:15	商用车技术分会开幕式
16:15-16:30	商用车技术分会开幕式
16:30-16:45	商用车技术分会开幕式
16:45-17:00	商用车技术分会开幕式
17:00-17:15	商用车技术分会开幕式
17:15-17:30	商用车技术分会开幕式
17:30-17:45	商用车技术分会开幕式
17:45-18:00	商用车技术分会开幕式
18:00-18:15	商用车技术分会开幕式
18:15-18:30	商用车技术分会开幕式
18:30-18:45	商用车技术分会开幕式
18:45-19:00	商用车技术分会开幕式
19:00-19:15	商用车技术分会开幕式
19:15-19:30	商用车技术分会开幕式
19:30-19:45	商用车技术分会开幕式
19:45-20:00	商用车技术分会开幕式
20:00-20:15	商用车技术分会开幕式
20:15-20:30	商用车技术分会开幕式
20:30-20:45	商用车技术分会开幕式
20:45-21:00	商用车技术分会开幕式
21:00-21:15	商用车技术分会开幕式
21:15-21:30	商用车技术分会开幕式
21:30-21:45	商用车技术分会开幕式
21:45-22:00	商用车技术分会开幕式
22:00-22:15	商用车技术分会开幕式
22:15-22:30	商用车技术分会开幕式
22:30-22:45	商用车技术分会开幕式
22:45-23:00	商用车技术分会开幕式
23:00-23:15	商用车技术分会开幕式
23:15-23:30	商用车技术分会开幕式
23:30-23:45	商用车技术分会开幕式
23:45-24:00	商用车技术分会开幕式

Sub-session 13 (about 40 attendees)

Detailed information about the Sub-sessions could be accessed to at the download center of www.sae-china.org/congress

Events and Scene Photos

Technical Visit (July 18th)

Sites for Technical Visit and Amounts of Visitors

- **R&D Center of FAW**
Amount of visitors: over 250
- **State Key Laboratory of Automobile Dynamic Simulation of Jilin University**
Amount of visitors: over 110
- **Changchun Automotive Expo**
Amount of visitors: about 70

Event Features

- **Large-Scale, High-Level and Rich-Content**

With active participation and firm support of Changchun Municipal Government, the FAW Group, Jilin University and related committees under SAE-China, this Congress held the largest scale of 1,300 person-time. Senior management of automotive industry, heads of R&D centers of major OEMs both at home and abroad, leaders of important Chinese research institutions and universities, as well as experts and technicians were invited to attend it. The Congress began at the afternoon of July 15th and ended on July 18th. There were various forms including forum, technical summit, plenary session, sub-session and technical visits, providing in-depth discussions.

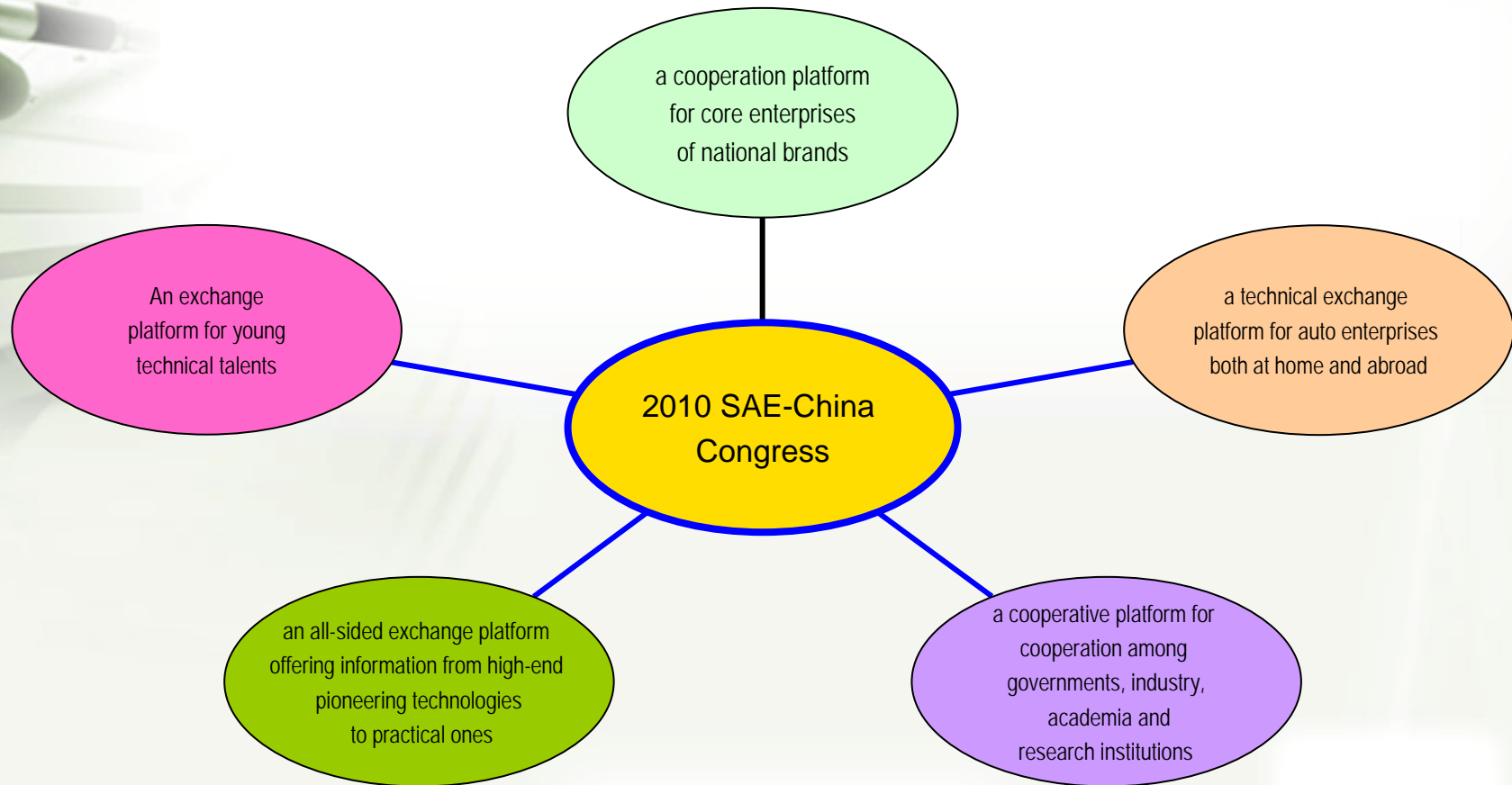
- **International, Professional, Multi-Cultural**

This Congress has gained great support from FISITA. There are three FISITA Presidents at present, which happened rarely in the history of international automotive academic conferences. It is worth mentioning that the three presidents come from different countries, respectively, Mr. Huss from Germany which represents the advanced level of the European automotive industry, Mr. Robertson from the U.S. which is the automotive industry leader in North America, and Dr. Li from China as the emerging market for the international automotive industry. This has fundamental meaning towards this Congress.

- **Technical Innovation, Win-Win Cooperation—Changchun Consensus, uttering a strong voice of independent innovation, received great attentions inside the industry**

Event Features

- Five platforms are established successfully during this Congress



Thank you for Paying Attention to 2010 China (Changchun) International Automotive Forum & SAE-China Congress

July 15-18, Changchun China



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