September 19-20, 2019
Shanghai • China

Organised by
- 上海有色金属行业协会
- SAE 上海市汽车工程学会
- SMM 上海有色网

Co-hosted by
- 苏州市压铸技术协会
- 山东省铝行业协会
- S2CIA

Directed by
- 上海市经济和信息化委员会

Dinner title sponsor
- 华劲铝业

Supported by
- 东环合金

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Media outlets
- Bloomberg
- 上海证券报
- sina 新浪财经
- 金融界
- 界面新闻
- 财新
- 华尔街见闻
- 电池网
- 中国电池工业协会
**Features**

- Combination of meeting and exhibition, macro development in the global car market, application of Cu/Al, power battery materials in vehicle, cutting-edge technology, promising new materials and techniques.
- Keynote speeches, roundtable discussions.

**Participants**

- Local governments
- Industry associations
- Auto OEMs
- Auto part factories
- Die-casting plants
- Producers of car body material
- Battery manufacturers
- Motor producers

**500+ participants**

- Battery material producers
- Equipment suppliers
- Processors
- Third party service providers
- Investment companies
- Media outlets
- Research institutes

**Companies likely to be invited**

**Automaker:** Tesla, SAIC Volkswagen, FAW-Volkswagen, SAIC-GM, Changan, NIO, BYD, JAC, Zhejiang Geely, GAC Honda, GAC Toyota, Chery, Volvo, Dongfeng…

**Auto parts producer:** Johnson Controls, Yanfeng Visteon, Shanghai VW Lianxiang, Shanghai Lear, Suzhou Yingli, Ningbo Huaxiang Electronics, LEONI, Sumitomo Electric, Fujikura, Jinhe Electric, Nantong Youxing, Liuzhou Shuangfei, Kunshan Huguang, Shanghai Jinting, Huangshan Jinma, Zhucheng Haiyun, Hubei Zhengao, Tyco, Bosch, AVIC Jonhon, Foxconn, Huizhou Aohua, Changying Precision, Wenzhou Yihua, ZTE, Derun Electronics, Lixun Precision Industry, Panasonic Electric Works, Shiyiing Electronic, Tongfeng Optoelectronics…

**Aluminium processor:** Jiangsu Dingsheng New Material, Shandong Innovation Group, North China Aluminium, Henan Mingtai Aluminium Industrial, Jiangsu Alica Aluminium, Henan Shenuo Group, Kunshan Aluminium, Alnan Aluminium, Shanghai Zdooon Aluminium Industry, Guangdong Jingmei, Guangdong Huajin, Sigma Group, Longda Aluminium Industry, Wantai Aluminium, Zhongwang Aluminium, Nanshan Aluminium, Guangdong Hoshion, JMA Aluminium, Lijong Group, Donghuan Alloy, Dongfa Aluminium, Shunbo Alloy, Shuaiyichi, Delta Aluminium…

**Awards for companies with the most innovative practices in automobile new materials for 2019.**

**Over 500 participants, including local governments, industry associations, research institutes, OEMs, auto part plants, material producers, processors, third-party service providers, and media outlets.**

**Opportunities for upstream, downstream interaction, with nine exhibition zones at the China International Industry Fair.**

**From companies**

- Chairman/General Manager/CEO/Deputy General Manager
- Director of Strategic Development
- Business Development Director/Manager
- Sales Director/Manager
- Technology and R&D Director/Manager
- Purchasing Director/Manager
- Quality Director/Manager
- Analysis Director/Researcher
**Agenda**

**Sep 19 Morning General Session – Development of Auto Industry**

8:00-9:00 Registration
9:00-9:30 Welcome Address & Opening Remarks
- Official, Raw Materials Department of the Ministry of Industry & Information Technology
- Official, Shanghai Municipal Commission of Economy & Informatization
- Official, Shanghai Society of Automotive Engineers
- Director, Nonferrous Metals Society of Shanghai
- CEO, SMM Information & Technology Co., Ltd.

9:30-12:00 Keynote Speeches
9:30-10:00 Outlook for Chinese NEV technology
  — Minggao OUYANG, Expert in Automobile Power System, Member of the Chinese Academy of Sciences, Professor, Doctor Supervisor of Tsinghua University, Director of State Key Laboratory of Automotive Safety and Energy (likely to be invited)
  - 10:00-10:25 R&D and application of bionic olefinic carbon-aluminum matrix composites with high strength, ductility

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**Sep 19 Afternoon**

**Forum 1 - Wrought aluminium alloy**
- 13:30-14:00 Lightweight materials (application, challenges)
  — Qing LIU, Managing Director of Novelis China (confirmed)
- 14:00-14:30 Car lightweight design and connectivity technology
- 14:30-15:00 High-performance, shock-resistant, anti-collision aluminium alloy beam (R&D, application)
- 15:00-15:30 Break & Net-working
- 15:30-16:00 Punch and press forming technology, pre-aging treatment of automotive aluminium alloy plate
- 16:00-16:30 Future of aluminium heat transfer: folded microchannels
  — Dr. Bernd Grunerwald (confirmed)
- 16:30-17:00 Large aluminium alloy structural component high-speed, high-efficiency processing and lightweight research

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**Forum 2 - Cast aluminium alloy**
- 13:30-14:00 Aluminium ash recycling
- 14:00-14:30 Review of the Clean Production Assessment Index System for Secondary Aluminium Sector
- 14:30-15:00 Standards for recycled copper, aluminium, and import policy
- 15:00-15:30 Break & Net-working
- 15:30-16:00 High-efficiency flux purification to improve aluminium alloy metallurgical quality and properties
- 16:00-16:30 Lightweight, high-strength, high-ductility, high-thermal-conductivity aluminium alloy die-casting (development, new technique)
- 16:30-17:00 Alloy materials for typical automotive structural parts

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**Sep 19 Evening**

18:00-18:30 Award ceremony
1) Letter of appointment issuing ceremony for experts in Innovative Automotive Materials and Application 2019
2) Award ceremony
  - 2019 Automotive Materials Innovation Award
  - 2019 China Electric Vehicle Battery Premium Brand
  - 2019 China Automotive Connector Premium Brand
  - 2019 China Automotive Wire Harness Premium Brand
  - 2019 China Automotive Wire, Cable Premium Brand
  - 2019 China Copper Conductor Wire Premium Brand
18:30-20:00 Dinner (show, lottery)

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**Sep 20 Tour**

- 09:00 -15:00 The 21st China International Industry Fair

**Theme shows:**
- Metalworking and CNC Machine Tool Show, Industrial Automation Show, Environmental Protection Technology & Equipment Show, Information & Communication Technology Show, Energy Show, New Energy Auto Show, Robotics Show, Scientific & Technological Innovation Show, China Aerospace and Aviation Technology Show, The New Material Industry Show

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**Contact**

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Yingwen XU 136 6172 4296 021-5560 0666 sint307@csnta.org

There are also sessions about China copper processing industry and automobile battery materials technology at the meeting. Please contact us if you have interest in those sessions.
**Application form**

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Total fee: A total of ( ) delegates ( ) yuan Stamp

**Supply and demand**

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**Registration fee:** 4,200 yuan/pax, early bird by June 30: 3,500 yuan/pax

**Team price:** 3,500 yuan/pax (no fewer than 3 people, from the same company)

**Combo 1**

- Includes business card in conference guide: 4,000 yuan (+ one conference pass)

**Combo 2**

- Ad in conference guide or pull-out banner: 15,800 yuan (+ two conference passes)

We will provide regular value-added tax e-invoice.

Please offer information below.

- ☐ Taxpayer Identification Number: ___________________
- ☐ Email address: ___________________

**Cancellation:** 50% of fees will be charged for any cancellation before August 30. There will be no refunds for cancellations after August 30. The organizing committee should be informed of any change of participants at least a week in advance.

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