

Four Processes + Smart Factory

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Hybrid Event 复合型研讨会

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2020

International Automotive Advanced Manufacturing Technology Summit



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September Shanghai·China

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Background

The automobile industry is the largest sector in China's machinery industry, and the development of the automobile industry has shown a steady decline. Along with the new round of technological change and the industrial revolution, new technologies such as new energy, new materials and intelligent network links have accelerated integration with the automobile industry, which has profoundly affected the ecological changes of the global automotive industry, and the competitive landscape is reshaping.

In this context, 2020 International Automotive Advanced Manufacturing Technology Summit will be held in Shanghai in September. This conference will focus on the latest workshop planning and new technology application of the four major processes of automobile manufacturing (stamping, welding, painting, final assembly). Manufacturing hot topics such as new processes, new equipment, applications and future trends in smart manufacturing. Together to promote the rapid development of China's automobile manufacturing technology!

2

Highlights



Experts' Insight

200+ experts and guests, sharing cutting-edge



Diverse Forms of Communication

The experts' speeches, informal networking opportunities during tea breaks, business dinner and factory visit combined



Case Studies

Explore strategies to create profitable products that meet consumer needs



Expo and Technical Seminar

Find out about the latest technology and products. An easy and fast way to acquire updates on innovative technology and scientific development



Buyer-Supplier Match Making Service

Offer match making service to meet the specific purchasing purpose



3

Hot Topics

- How to realize digital manufacturing factory for automobile manufacturing
- Green line planning and manufacturing process upgrades
- VR virtual assembly solutions and examples
- Human-computer collaboration "intelligence" solution
- AR technology and automotive intelligent manufacturing
- New stamping process and new technology application under intelligent manufacturing
- Development of a new continuous synchronous robot automated press line
- Springback and compensation of aluminum sheet stamping die
- Discussion on stamping process and mold design and maintenance of aluminum alloy body
- The latest research and case sharing of body hot stamping technology
- What fundamental changes will the blockchain bring to the automotive industry?
- Hot stamping technology for aluminum alloy body parts of new energy vehicles
- 3D measurement in the press shop application and solutions
- Efficient intelligent welding technology sharing and case application
- Advanced stud welding process technology and case depth analysis
- Welding shop connection technology latest technology sharing
- Aluminum laser welding and quality control
- Online quality inspection improvement - ultrasonic inspection technology
- Analysis of weld optimization process for lightweight material welding
- Body-in-white precision control and improvement measures
- Intelligent welding data acquisition and condition analysis
- Construction and challenges of automotive green painting workshop under strict environmental regulations
- Planning of intelligent electric vehicle workshop
- Coating robot innovative technology solutions and application examples
- Green coatings: Low VOC coating solutions and application examples
- Paint workshop: water saving and emission reduction application case sharing
- Measures and practices of energy management in painting workshop
- Paint color difference control and online color difference data platform
- Lightweight materials on coating and process implementation
- Planning and layout of flexible production of new energy and traditional automobiles
- Tightening and error proof solution for intelligent manufacturing
- Digital efficient assembly system based on internet of things
- SEW system solutions and final assembly innovation applications
- Exoskeleton robots help efficient production in the assembly shop
- Construction and Application of New Energy Vehicle MES System
- Analysis of application examples of 3D digital measurement technology in final assembly
- Research on the technical trend of smart cars and the preparation of final assembly process
- Intelligent Logistics--the wind vane of the internal logisticsmode of the final assembly process
- Intelligent warehousing system positioning and optimization



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Who Will Attend

- Passenger car manufacturers & commercial vehicle manufacturers, other vehicle manufacturers
- Auto parts manufacturers
- Smart Factory System Integrator
- Suppliers of metal materials, non-metal materials, coatings, etc.
- Mould Enterprise
- Robot company, spraying equipment company, testing equipment company
- Tooling equipment enterprises, welding equipment enterprises
- Electrical integration companies, battery manufacturers
- Assembly system integrators, tightening equipment, conveying equipment
- Tooling equipment, laser welding equipment, electrical integration enterprises
- Associations, research institutes and universities, other

Previous Speakers



Mr. Chen Wei
Balluff Automation
(Shanghai) Co., Ltd.
Mobility Industry Sales Director



Mr. Wang Jiangbing
KUKA China
CEO



Mr. Xu Feng
Wanke Electronics
(Tianjin) Co., Ltd.
Manager of Engineering
Solution Division



Mr. Yao Qi
Big system technology
Partner and Growth Officer



Mr. Chen Wuwei
Bosch Rexroth (Beijing)
Hydraulic Co., Ltd.
Reducer production
business worldwide
Vice President and General
Manager of Technology



Dr. Andreas Braun
Bosch Automotive Diesel
Systems Corporation
Director



Mr. Shenghua He
Aikedi co., Ltd.
Deputy General Manager



Mr Cilliers Stapelberg
Beijing Benz Automobile
Co., Ltd.
General Manager of Equipment
Maintenance Department



Mr. Guo Dongdong
Beijing Benz Automobile
Co., Ltd.
General Manager of Equipment
Maintenance Department



Mr. Yin Mingcheng
Tianneng Group
Shenzhen Branch
Deputy General Manager



Mr. Zhou Fatao
Guangdong New Energy
Automobile Industry
Association
Secretary General



Mr. Xiao Haiping
BYD
Director of Public Relations
Commercial Vehicle Division



Mr. Huang Yiwan
GAC Research Institute
Director of Vehicle Platform
Architecture Office



Mr. Shi Ye
COMMOD software
technology
(Shanghai)Co., Ltd
Application Engineer



Mr. Shi Wei
Depai (Shanghai) Metrology
Technology Co., Ltd.
Greater China General Manager



Mr. Ji Ping
Shanghai Fenghe Precision
Machinery Co., Ltd.
Sales Manager



Mr. Yang Rui
ZTE New Energy
Marketing Director



Mr. Zhang Yongxiang
Teli Battery
General Manager



Mr. Piao Changhao
Singularity car
Vice President, Dean of
Power Institute



Mr. Wang Kang
Yangzijiang
Automobile Group Co., Ltd.
associate dean



Mr. Wang Cancheng
Synventive Injection
Industry (Suzhou) Co., Ltd.
South China Sales Manager



Mr. Mao Weidong
Chery New Energy
Automotive Technology Co., Ltd.
Director of manufacturing
engineering



Ms. Niu Liyuan
Zotye
Deputy Chief Engineer of
Engineering Research Institute



Mr. Zhang Shuqiao
professor
SAIC Volkswagen Co., Ltd.



Ms. Liu Yuan
General Manager of Automotive
Division
Shanghai Institute of Electrical
Appliances(Group) Co., Ltd.



Ms. Li Liang
New Business Strategic
Planning Department
Assistant Director
Geely Group



Mr. Jiang Xiaochen
Machining site warranty
Shanghai Volkswagen
Powertrain Co., Ltd.

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Previous Speakers



Mr. Zhang Weimin
Director
Institute of Modern Manufacturing
Technology, Tongji University



Mr. Li Ming
Professor
Mechanical and Electrical
Engineering
Shanghai University
And Automation College



Mr. Lu Delong
Senior engineer
Ordnance Industry New
Technology Promotion Institute



Mr. Xing Min
China Internal Combustion
Engine Industry Association
Secretary General



Mr. Yao Chunde
Internal Combustion Engine
Combustion of
Tianjin University
State Key Laboratory
Professor



Mr. Jiang Xuefeng
Deputy Chief Engineer of
Dongfeng Group
Deputy General Manager of
Dongfeng Commercial Vehicle
Company



Mr. Li Fangcheng
Vice President of Tianjin Lovol
Engine Co., Ltd.
Person in Charge of Key R & D
Projects of the Ministry of Science
and Technology



Mr. Sun Shuqiang
BorgWarner
Senior Marketing Manager



Mr. Shao Qiang
SAIC Motor Corporation Limited
Technology Center
Engine Technology Research
Manager



Mr. Hua Lun
Suzhou Automobile Research
Institute of Tsinghua University
Engine Oil and Emission Control
Technology
Institute Director



Mr. Gao Yan
FAW Car Co., Ltd.
Distribution center
FAW Car Transmission
Center Tool
Chief Engineer



Mr. Song Jianzheng
Shanghai GM Wuling Motors
Company limited by shares
Technical Engineering Manager

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 Beijing Fine Carving
 Jiaxing Aode Medical Technology Co., Ltd.
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 Hangzhou Landu Auto Parts Technology Co., Ltd.
 Zhongneng Locomotive Group Co., Ltd.
 Kiekert Automotive Systems (Changshu) Co., Ltd.
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 Changzhou Locomotive and Rolling Stock Works
 Chengdu Aerospace Molding Co., Ltd. Kunshan Branch
 Fujian Huayin Aluminum Industry Co., Ltd.
 Goldman Sachs Mould Manufacturing Co., Ltd.
 Kunshan Sanhe Engine Parts Industry Co., Ltd.
 Wuxi Hengjie Magnetic Induction Technology Co., Ltd.
 Jiangsu Jintan Automobile Industry Co., Ltd.
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 Jiangsu Dehongcheng Precision Machinery Technology Co., Ltd.
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 Shanghai University
 Testing Institute of Shanghai Electric Appliance Research Institute (Group) Co., Ltd.
 Ordnance Industry New Technology Promotion Institute
 Star Arc Coating New Material Technology (Suzhou) Co., Ltd.
 China Internal Combustion Engine Industry Association, Ministry of Industry and Information Technology
 Walter (Wuxi) Co., Ltd.
 Jenoptik (Shanghai) Precision Instrument Co., Ltd.
 SAIC Volkswagen Co., Ltd.
 Institute of Modern Manufacturing Technology, Tongji University
 Wudi (Shanghai) Industrial Co., Ltd.
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 Shanghai Volkswagen Powertrain Co., Ltd.
 BMW Brilliance Automotive Co., Ltd.
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