2018第四届汽车先进制造技术峰会
The 4th Automotive Advanced Manufacturing Technology Summit 2018
Date: Apr. 10th-12th, 2018
Place: China. Guangzhou

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Organizer:
We have successfully held the annual event-3rd Automotive Advanced Manufacturing Technology Summit in April 2017. For this year, we will hold the event in Guangzhou, which will target more than 1100 participants. The event will be the largest one in China and highest technical level automotive technology summit that will attracts the industry professionals and enterprises.

This year’s summit will continue to discuss the hot topics of three major processes of the vehicle manufacturing (Stamping, Welding, Painting), like the latest workshop planning, new technology application, new process, new equipment and so on. At the same time, we will add “Smart Factory” session for the needs of participants in previous events, discussing intelligent manufacturing in automobile production and future trends, promoting domestic and overseas manufactures’ latest technology exchanges, promoting the rapid development of China automotive manufacturing technology.

You will continue to learn the production strategy and analysis from high managements of the whole vehicle manufacturing, more than 70 hot topics of automotive stamping, welding, painting, smart factory (4 sub-forums), and enjoy the social opportunities and tailored professional services. You will gain more. Reviewed the last forum in Wuhan in March 2017, there were 1025 participants in total, 664 of whom were from OEMs and parts manufacturers. The porportion of end users and suppliers was 65% : 35%. We had successfully organized 80 one-to-one business connection activities, also arranged part participants visited Wuhan General Motors plant and Dongfeng Renault plant. Appreciat the two OEMs' great support very much again.

Welcome to join 4th Automotive Advanced Manufacturing Technology Summit 2018, and feel the experiec of the great event of China automotive manufacturing technology!
Main Forum
(For all participants)

About main forum
>> Future plant’s production strategy and planning sharing by high managements of the whole vehicle manufacturing
>> The development of intelligent manufacturing and industrial 4.0 for the whole vehicle manufacturers
>> How does a system integrator fit the needs of the user and synchronize the technology?
>> Thinking and implementing the Smart Factory in automobile making

Apr.10 Afternoon
Session I
(Stamping)
>> Various new stamping technologies and Applications
>> Discussion on the management of the stamping shop and the cost reduction
>> Stamping production line planning and automation technology
>> Discussion on stamping process, equipment and dies technologies

Session II
(Welding)
>> Planning and lean management of welding shop
>> Various new welding techniques introduction and application
>> New materials welding technology
>> Flexible and low cost welding line planning

Session III
(Painting)
>> Application and implementation of energy saving and emission reduction technology in the painting shop
>> Measures of coating quality control and promotion
>> New coatings and materials application in paint shop
>> Paint shop planning and implementation

Session IV
(Smart Factory)
>> Smart factory building and implementing solutions sharing
>> Intelligent logistics and storage system
>> Intelligent module Implementation

Apr.12
Visit to local automotive factory
(Registration need be confirmed with the conference organizer.)
### Main Forum - Agenda Apr.10 Morning

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00-09:10</td>
<td>Orations from leaders</td>
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<tr>
<td>09:10-09:40</td>
<td>Future intelligent production planning and strategy for OEM</td>
</tr>
<tr>
<td>09:40-10:10</td>
<td>Comau's industrial 4.0 application and development</td>
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<td></td>
<td>Comau (Shanghai) Engineering Co., Ltd.</td>
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<tr>
<td>10:10-10:40</td>
<td>Tea break</td>
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<tr>
<td>10:40-11:10</td>
<td>Schuler Smart Press Shop - Intelligent Data Solutions in Metal Forming Technology</td>
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<td>Schuler (China) Co., Ltd.</td>
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<tr>
<td>11:10-11:40</td>
<td>Green production line planning and upgrading of manufacturing process</td>
</tr>
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<td>Chery Jaguar Land Rover Automotive Co., Ltd.</td>
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<tr>
<td>11:40-12:10</td>
<td>Strategy and Outlook for creating intelligent and green Automotive Painting production workshop</td>
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<tr>
<td>12:10-12:40</td>
<td>Panel Discussion: Discussing automobile manufacturing strategy and future by OEM leaders</td>
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<tr>
<td>12:40-13:30</td>
<td>Lunch Buffet</td>
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In the afternoon, four sub-forums will be held at 13:30 at the same time, participants will be free to choose any technical session they're interested in.
### Session I: Stamping

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Company</th>
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<tbody>
<tr>
<td>13:30-14:00</td>
<td>The planning and implementation details of the intelligent stamping factory</td>
<td>GAC NEW ENERGY AUTOMOBILE CO., LTD</td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>Hybrid Solution a desirable alternative for HIGH SPEED PRESS LINE</td>
<td>Fagor Arrasate S. Coop.</td>
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<tr>
<td>14:30-15:00</td>
<td>Advanced PPD &amp; PVD Coating Technology Can Increase Car Dies Life Time Efficiently</td>
<td>Oerlikon Balzers Coating (Su zhou) Co., Ltd</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td>Tea break</td>
<td></td>
</tr>
<tr>
<td>15:30-16:00</td>
<td>Press shop of the future – How Servo Technology and Industry 4.0 will change the stamping Industry</td>
<td>AIDA Engineering Ltd</td>
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<tr>
<td>16:00-16:30</td>
<td>Automotive Stamping automation upgrade and its effective solution</td>
<td>V&amp;T Metal Technology</td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>New energy vehicle stamping process overall program and new materials application in future lightweight body</td>
<td>Beijing Electric Vehicle Limited by Share Ltd (BAIC BJEV)</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>ABB New technology applications and case sharing in Automotive Stamping</td>
<td>ABB (Shanghai) Engineering Co., Ltd</td>
</tr>
<tr>
<td>17:30-18:00</td>
<td>Stamping process of aluminum sheet and simulation of die resilience</td>
<td>Chery Jaguar Land Rover Automotive Co., Ltd</td>
</tr>
</tbody>
</table>

Sign up now!
Session II: Welding

13:30-14:00
The latest research application of Aluminum spot welding process for New Energy Vehicle
NIO

14:00-14:30
Solutions for Industrial 4.0 Automotive flexible production
Comau (Shanghai) Engineering Co., Ltd.

14:30-15:00
Welding spot splash solution and adaptive welding technology application
Heron Intelligent Equipment Co., Ltd.

15:00-15:30
Tea break

15:30-16:00
Aluminum body lightweight material welding process and precautions
Chery Jaguar Land Rover Automotive Co., Ltd.

16:00-16:30
Flexible switching technology for Automotive welding equipment
ATI Industrial Automation

16:30-17:00
Fronius welding solution for the automotive industry
Fronius Intelligent Equipment China Co., Ltd.

17:00-17:30
All-aluminum body factory planning and connection technology
Anhui JAC Automotive Corporation

17:30-18:00
Explain the depth of specific cases for intelligent welding plant planning

09:00-09:30
Automotive Welding line planning and development trend for New Energy Vehicles
JEE

09:30-10:00
Three-dimensional optical measurement application in Automotive field
ABB (Shanghai) Engineering Co., Ltd.

10:00-10:30
Tea break

10:30-11:00
BIW Production Line technology & product driven by Smart Manufacturing
Shanghai DEMC Automotive Equipment Manufacturing Co., Ltd.

11:00-11:30
TE Connectivity Enables You to Build Reliable Automotive Production Lines
TE Connectivity

11:30-12:00
Laser technology solutions in Body Lightweight
Trumpf (China) Co., Ltd.

12:00-13:30
Lunch Buffet

13:30-14:00
Application and Research of Welding Technology in Aluminum frame body
Chery Automotive Co., Ltd.

14:00-14:30
Operator safety for welding applications
ASSA ABLOY Entrance Systems (Shanghai) Co., Ltd.

14:30-15:00
Detection Technology Big Data Analysis in process of Automotive Welding
BOOMNNDT Industrial Inspection

15:00-15:30
Tea break

15:30-16:00
Research on FDS and ImpAcT applied in BBAC
Beijing Benz Automotive Co., Ltd.

16:00-16:30
Pumping solution for Automotive welding shop
NEDERMAN

16:30-17:00
Dimensions stability assurance, analysis and control in Automotive welding process

17:00-17:30
Resolve strategy for Welding flexible assembly line and Total fight multi-station

17:30-18:00
New Model Preparation Evaluation System
**Session III: Painting**

**13:30-14:00**  
Wei blue plan - - New energy vehicle coating workshop planning and construction sharing under the environmental protection new situation  
**Beijing Electric Vehicle Limited by Share Ltd ( BAIC BJEV )**

**14:00-14:30**  
Facing future- Solutions for Internet efficient modern painting workshop  
**Dürr Paintshop Systems Engineering (Shanghai) Co., Ltd**

**14:30-15:00**  
The latest development and application ability of Spraying robot  
**Shanghai-FANUC Robotics CO.,LTD**

**15:00-15:30**  
Tea break

**15:30-16:00**  
New technology of Energy saving for Automotive paint pretreatment  
**Shanghai Chemetall Chemicals Co., Ltd.**

**16:00-16:30**  
Rotary RTO- Automotive VOCs Governance new technologies  
**Xi’an Yurcent Envorienmental Technology Co. Ltd**

**16:30-17:00**  
Painting lightweight technology of CJLR Aluminum Body  
**Chery Jaguar Land Rover Automotive Co., Ltd.**

**17:00-17:30**  
Mixed material painting process design for New Energy Vehicle  
**Zhejiang Geely New Energy Commercial Vehicles Co., Ltd**

**09:00-09:30**  
Lean production and fine management in the paint shop  
**Dongfeng Nissan Passenger Vehicle Company**

**09:30-10:00**  
Introduction and process sharing of car new paints  
**Axalta Coating Systems**

**10:00-10:30**  
Tea break

**10:30-11:00**  
The latest research and application of green pretreatment technology  
**Henkel ( China ) Investment Co.,Ltd**

**11:00-11:30**  
Solutions for Green coating industrial environment  
**Hunan Kaitian Environmental Technology Co., Ltd**

**11:30-12:00**  
Selection and application of lightweight coating materials  
**GAC New Energy Automotive Co., Ltd**

**11:30-13:30**  
Lunch buffet

**13:30-14:00**  
Interpretation of national standard and landmark of air pollutant emission in automobile manufacturing industry  
**South China University of Technology**

**14:00-14:30**  
E-Cube Dry spray mist removal system: Innovative Solutions  
**14:30-15:00**  
Planning and construction of Intelligent painting workshop based on Industrial 4.0  
**SAIC Volkswagen Automotive Co., Ltd.**

**15:00-15:30**  
Tea break

**15:30-16:00**  
VOC and cost reduction in Painting Workshop  
**Changan Ford Automotive Co., Ltd**

**16:00-16:30**  
Automatic study and application of the whole process of pre-degreasing and filtration  
**16:30-17:00**  
Application and case of liquid damping technology  
**17:00 - 17:30**  
Precautions of the control of Auto body particles and dirty points in paint shop  
**SAIC Volkswagen Automotive Co., Ltd.**

Sign up now!
Session IV: Smart Factory

13:30-14:00
SVW Paintshop Intelligent Manufacturing Measures and Development
SAIC Volkswagen Automotive Co., Ltd.

14:00-14:30
Integrated intelligent logistics solution for automobile manufacturing
Techbloom (Beijing) Information Technology Co., Ltd

14:30-15:00
Application of intelligent storage system in automobile manufacturing

15:00-15:30
Tea break

15:30-16:00
Specific case explain and analysis of difficulties in Intelligent factory planning
FAW Jiefang Automotive Co., Ltd

16:00-16:30
Digital control technology of pneumatic transmission scheme MES system for the future of automobile manufacturing

16:30-17:00
The intelligent factory with a new modular platform
Zhejiang Geely Holding Group

17:00-17:30
Automatic intelligent AGV system solutions and case sharing

17:30-18:00
Building an intelligent manufacturing platform through big data, cloud computing

Sign up now!
1st Automotive Advanced Manufacturing Technology Summit 2015 was held in Hangzhou on 13th and 14th May 2015, Conference sub-forums (Stamping and Welding), 500 participants in total.

2nd Automotive Advanced Manufacturing Technology Summit 2016 was held in Changsha. There were 823 participants in total, 496 of whom were from OEMs and part manufacturers. The proportion of end users and suppliers was 59%-41%. We had successfully organized 70 one-to-one business connection activities. 400 participants visited GAG Fiat, Changsha BYD. The event had been given highly complimentary remarks.

The number of participants has been increased 58% from 481 to 823 compared with the 1st forum in 2015.

3rd Automotive Advanced Manufacturing Technology Summit 2017 was held in Wuhan on 29th and 31th March 2017. There were 1025 participants in total, 664 of whom were from OEMs and parts manufacturers. The proportion of end users and suppliers was 65%-35%. We had successfully organized 80 one-to-one business connection activities and 61 keynote speeches (4 for main forum, 57 for sub-forums), also arranged part participants visited Wuhan General Motors plant and Dongfeng Renault plant.