

Review November Automotive Roundtable in Chongqing, November 17, 2016

- Intelligent Manufacturing – Challenges & Opportunities for China's Auto Industry -

Thanks a lot to our sponsors, partners, excellent speakers and delegates participating in November 2016 Automotive Roundtable in Chongqing! Another milestone for Automotive Roundtable since founded in January 2014 in Beijing, later we went to Taicang, Liuzhou, Shanghai and this time we went to Chongqing! This edition took place in conjunction with MAV forum in Yongchuan, Chongqing and gathered the speakers from **Changan Automobile, Continental, Chongqing Bondrite New Materials, KUKA AG, Chongqing Xiyuan Camshaft** discussing Intelligent Manufacturing in the Automotive Industry.



Speakers:

- **Mr. Chen Jianguo, Director, Chongqing Yongchuan New & Hi-Tech Development Zone, Phoenix Lake Industrial Park**
- **Mr. Izuki Hiromi, Chief Engineer, Chongqing Changan Automobile Co., Ltd.**
- **Mr. Hui Zhu, General Manager, Continental Huayu Brake Systems (Chongqing) Co., Ltd.**
- **Mr. Eric Wang, General Manager, Chongqing Bondrite New Materials Co., Ltd.**
- **Mr. Andreas Schuhbauer, Market Segment Manager Machine Tool Automation, KUKA AG**
- **Mrs. Du Wei, VP Customer Coordination & Strategy, Chongqing Xiyuan Camshaft Co., Ltd.**

Moderator: Mr. Christoph Hoene, Founder, HOENE CONSULT



Mr. Chen Jianguo, Director, Chongqing Yongchuan New & Hi-Tech Development Zone, Phoenix Lake Industrial Park, as the local supporter, firstly gave a welcome speech to all the participants.



Mr. Izuki Hiromi, Chief Engineer, Chongqing Changan Automobile Co., Ltd. gave the presentation on **Development and Prospect of Intelligent Casting Technology**. He shared his view from the OEM perspective on Intelligent Manufacturing. He pointed out that with the new energy vehicles growing fast in the auto manufacturing area, vehicle light-weighting will be a trend, and therefore the intelligent casting will be the effective method. He thought even 3D printing is getting more and more popular, it will take a long time to fully replace the traditional casting technology. He also gave his suggestions to improve the current manufacturing process via expert system and data inspection, etc.



Mr. Hui Zhu, General Manager, Continental Huayu Brake Systems (Chongqing) Co., Ltd. gave the presentation on ***China From Volume to Value with Intelligent Manufacturing***. He said that we are living China's 'New Normal' and experienced the auto Market Volatility. With the new policy Made by China 2025, China is moving towards more Innovation. He also shared from the Continental's perspective: their focus is on the Improvement of Processes. He introduced the smart factory in Continental from Supply Chain Management, Shop Floor Management, Smart Material Flow Process, Smart Production Process, Facility Management, to Maintenance Processes and so on.



Mr. Eric Wang, General Manager, Chongqing Bondrite New Materials Co., Ltd. gave the presentation on **Enabling Vehicle Light-weighting with Advancements in Adhesive Technologies**. He believed that focusing on enabling materials and processes will allow OEMs and suppliers to achieve Body-In-W Weight Reduction. He pointed out the average vehicle will be 400 pounds lighter by 2025. He also believed that Aluminum will be key focus light-weighting material to 2018.



Mrs. Du Wei, VP Customer Coordination & Strategy, Chongqing Xiyuan Camshaft Co., Ltd. & Mr. Andreas Schuhbauer, Market Segment Manager Machine Tool Automation, KUKA AG also joined in the panel discussion and shared their view on how automation applies in the mass production and current factory management.



Mr. Christoph Hoene, Founder, HOENE CONSULT as the moderator chaired the whole night and led the interesting discussion.

The audiences enjoyed the networking dinner and the lively discussion.



Attendees: 48

Companies incl.:

Alicona
Bekaert
Bombardier
Changan Automobile Co., Ltd
Chiron
Chongqing Bangruite New Materials Co., Ltd
Chongqing Jialing Special Equipment Co., Ltd
Chongqing University
Chongqing Xiyuan Camshaft Co., Ltd.
Chongqing Yongchuan New & Hi-tech Development Zone
Continental Huayu Brake Systems (Chongqing) Co., Ltd.
DBK Heaters Trading (Shanghai) Co., Ltd
DBK Industrial Equipment (Chongqing) Co Ltd.
Heller
Hoene Consult
Independent Automotive Industry Analyst Consultant
Institute for Heat and Mass Transfer, RWTH Aachen University
Institute for Materials Chemistry, RWTH Aachen University
JSC (Shanghai) Automotive Consulting Co., Ltd.
Konradin
KUKA AG
KUKA Robotics China Co., Ltd
MAPAL
Morrison Express
Motorex
MR PLAN Group
MRPLan Chongqing Office
Romax Technology (Hangzhou) Ltd.
Schuler Sales & Service Co.,Ltd.
Schunk
Shaxi Government of Taicang City
The CNC Industry Base Construction and Robot Intelligent Equipment of
Chongqing (Yongchuan)
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