AUTOMOTIVE FUEL SYSTEMS CHINA 2018

MARRIOTT SHANGHAI PARKVIEW HOTEL

Final Program

www.itbgroup.com
### Registration - Exhibits Open

**7:30 a.m.**

Registration - Exhibits Open

### Welcome and Opening Remarks

**8:50 a.m.**

Welcome and Opening Remarks  
*Dr. Joel Kopinsky, Managing Director*  
The ITB Group (U.S.A.)

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### Diesel Exhaust: Reducing Nitrogen Oxide Emissions with DEF

**9:00 a.m.**

Advanced Technology on SCR Tank System  
*Röchling Automotive (China)*

**9:35 a.m.**

Advanced SCR Technology: Optimal NOx Reduction for All Driving Conditions  
Addressing Chinese Regulation  
*Plastic Omnium Auto Inergy (China)*

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### Mid-Morning Break

**10:10 a.m.**

Mid-Morning Break

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### Evolving Fuel System Industry

**11:00 a.m.**

Introduction of VW PEP Process and Interaction with Suppliers  
*SAIC Volkswagen (China)*

**11:30 a.m.**

KEYNOTE PRESENTATION  
Automotive Energy Storage and Delivery Systems – A Story of Ever Growing Expectations and Great Technological Achievements  
*Plastic Omnium Auto Inergy (France)*

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### Lunch

**12:00 p.m.**

Lunch

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### Material Developments

**1:20 p.m.**

Research on VOC Emission of PHEV Fuel Tank System and Engine Intake System  
*Ingevity (U.S.A.)*

**1:40 p.m.**

Application of Low Permeation Fluoro-Materials in Fuel System  
*Daikin Industries (China)*

**2:00 p.m.**

Advancing Innovative Solutions for Automotive Emissions Control with Lupolen Resins  
*LyondellBasell Industries (Germany)*
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker/Company</th>
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</thead>
<tbody>
<tr>
<td>2:20 p.m.</td>
<td>Innovative Solution for Automotive Fuel and SCR Line</td>
<td>Evonik Specialty Chemicals (China)</td>
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<tr>
<td>2:40 p.m.</td>
<td>Contribution to Modeling of Fuel Permeation and Barrier Layer Optimization in Multilayer Automotive Plastic Fuel Tanks Using BlowView Software</td>
<td>National Research Council Canada</td>
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<tr>
<td>3:10 p.m.</td>
<td>Capless Design Solutions for Global Applications</td>
<td>Stant (U.S.A.)</td>
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<tr>
<td>3:30 p.m.</td>
<td>Innovative Fuel Filler Neck Solution for China 6</td>
<td>Yangzhou Huaguang (China)</td>
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<td>3:50 p.m.</td>
<td>Afternoon Break</td>
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<tr>
<td>4:20 p.m.</td>
<td>Introducing a New, Single Grade, Activated Carbon Extrudate for Controlling China 6 Diurnal Bleed Loss (DBL) and Onboard Refueling Vapor Recovery (ORVR)</td>
<td>Cabot (U.S.A. and China)</td>
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<tr>
<td>4:40 p.m.</td>
<td>Permeation Reduction of Plastic Fuel Tank and Filler Pipe Materials using Nano-technology</td>
<td>Avrand Pishro (Iran)</td>
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<td>5:10 p.m.</td>
<td>Kautex eVent: The Smart Tank</td>
<td>Kautex Textron (Germany)</td>
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<td>5:40 p.m.</td>
<td>EVAP Product Concepts for Future Emissions Control</td>
<td>Continental Automotive Wuhu (China)</td>
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<td>6:10 p.m.</td>
<td>Closing Remarks</td>
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### Materials for Tomorrow’s Fuel Systems

<table>
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<td>9:00 a.m.</td>
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</tbody>
</table>
| 9:00 a.m.  | Welcome and Opening Remarks  
Dr. Joel Kopinsky, Managing Director  
The ITB Group (U.S.A.) |
| 9:10 a.m.  | Innovative Materials and Solutions for PHEV, EV and Hydrogen  
Arkema (China) |
| 9:30 a.m.  | Heat-Resistant Polyamide Resin PA9T and its Application for Automotive Fuel Systems  
Kuraray (China) |
| 9:50 a.m.  | Material Solutions for PHEV Applications  
Evonik Specialty Chemicals (China) |
| 10:10 a.m. | KEYNOTE PRESENTATION  
CATARC (China) |
| 10:40 a.m. | Mid-Morning Break |
| 11:00 a.m. | Comparison of Fuel System of a PHEV vs a Conventional Vehicle  
IDIADA Automotive Technologies (Spain) |
| 11:20 a.m. | New Electrical Multi-Function Valve of China 6 Fuel System  
Wuhan TEINSO Technology (China) |

### System Behavior and Control

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### Exhibitors

- Ascend Performance Materials
- Arkema
- Backbone
- Daikin Fluorochemicals
- Eaton
- Evonik Specialty Chemicals
- First Sensor Mobility
- Fraenkische
- GTR TEC
- HanHai Testing Technology
- Hatch Stamping
- Ingevity
- Kautex Textron
- Kuraray
- LyondellBasell
- Plastic Omnium
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| 11:40 a.m. | How Pressure Sensors Enable Emission Reduction on NEV's Today And Tomorrow  
First Sensor Mobility (Germany) |
| 12:00 p.m. | Lunch  
First Sensor Mobility (Germany) |
| 1:15 p.m. | Fuel Tanks for PHEVs  
Volume Efficiency Through New Materials  
Kautex Textron (Germany) |
| 1:45 p.m. | Tanktronic, The Intelligent Management of Fuel Tanks Suited with Plug-In-Hybrid Vehicle Challenges  
Plastic Omnium Auto Inergy (China) |
| 2:15 p.m. | Plastic Fuel Tank Solutions for Hybrid Electric Vehicles  
Plastic Omnium Auto Inergy (China) |
| 2:45 p.m. | Closing Remarks and Refreshments |

**演讲资料将于会后两周得到演讲企业许可后供与会人员下载。**  
Presentations will be made available to conference attendees two weeks after the conference has concluded AND when provided permission by the speaker.
**Arkema**

A designer of materials and innovative solutions, Arkema shapes materials and creates new uses that accelerate customer performance.

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**卡博特诺蕊特活性炭 / Cabot Norti Activated Carbon**

卡博特诺蕊特是世界上最早工业化生产活性炭的公司，一百多年来积累了丰富的经验。作为活性炭研发、制造、应用领域的全球领导者，卡博特诺蕊特公司在七个国有制造工厂，正以超过150多种高性能活性炭产品，和遍布全球的应用技术专家服务于100多个国家的3000多个客户。

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**赢创特种化学（上海）有限公司 / Evonik Specialty Chemicals (Shanghai) Co.,Ltd.**

赢创是全球领先的特种化学品公司之一。我们贴近客户，并占据着市场领先地位。目前，赢创的业务遍及全球100多个国家和地区。

Evonik is one of the world leaders in specialty chemicals. Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world.

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**考泰斯·德事隆 / Kautex Textron GmbH & Co. KG**

考泰斯是德事隆集团的子公司，全球100强汽车供应商之一。该公司是混合和传统塑料油箱系统，选择性催化还原系统 (SCR) 和清晰视觉系统及传感器的全球领先地位。此外，公司还生产和供应凸轮轴，铸件和工业包装。

Kautex, a subsidiary of Textron Inc., is rated among the Top 100 Automotive Suppliers worldwide. The company is a leading global supplier of hybrid and conventional plastic fuel tank systems, selective catalytic reduction systems (SCR) and clear vision systems and sensors. In addition, the company produces and supplies camshafts, castings and industrial packaging. Headquartered in Bonn, Germany, the company owns and operates more than 30 facilities worldwide.

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**Plastic Omnium**

Plastic Omnium is the world leading company in the automotive sector for exterior parts & modules, fuel tanks and emission control storage systems. Worldwide, one every four vehicles produced is equipped with a Plastic Omnium energy storage system and one every six vehicles integrate Plastic Omnium Body modules. The division - Auto Inergy - has pioneered breakthroughs in fuel and emission control technologies in response to environmental regulatory pressures. From gasoline and diesel, to hybrid and plug-in hybrid vehicles, the company offers a full range of best in class patented solutions to its customers.

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**斯丹德汽车系统（苏州）有限公司 / Stant Automotive Systems (Suzhou) Co, Ltd.**

斯丹德汽车系统有限公司作为全球领先的燃油系统供应商, 为汽车OEM和工业市场设计、开发和制造高性能的燃油箱盖、燃料管理和蒸汽管理系统和产品。我们的全球布局和技术专长使我们能够提供超越客户期望和需求的创新解决方案。同时我们卓越的运营能力为我们的客户提供可靠的、具有成本竞争力的解决方案。

Stant is a global leader in the design, development, and manufacture of technology-driven fuel closure, fuel management, and vapor management sub-systems and products for the automotive OEM and industrial markets. Stant’s global footprint and technical expertise enables us to provide innovative solutions that exceed customers’ expectations and needs. Operational excellence provides our customers with reliable and cost competitive solutions.

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**TI Automotive**

全球汽车制造商都在和TI Automotive展开合作，开发制造业界领先的一流汽车燃油系统。在过去的近100年中，TI Automotive已经将我们的技术装载到全球范围内的汽车产品上。依靠全球28个国家的118个制造工厂，我们的优势在于创造性地满足全球汽车工业飞速发展的需求的能力。

Global automotive manufacturers turn to TI Automotive to develop and produce award-winning, industry-leading automotive fluid systems. For nearly 100 years, TI Automotive has provided its technology to vehicles around the world. With more than 118 manufacturing locations in 28 countries, our strength lies in our ability to creatively meet the ever-changing needs of the global automotive industry.

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ITB 咨询服务 - ITB Consulting Services

大会主办方：ITB 集团 / The ITB Group - About the Organizer
ITB 集团成立于1992年，旨在帮助客户搭建合理技术应用与成功商业运营间的桥梁。作为一家汽车领域专业咨询公司，我们的专长领域包括隔音系统、燃油系统、排气系统、内外饰系统、模块与部件，以及热管理系统。

The ITB Group was established in 1992 with a simple premise: to bridge the gap between developing a suitable technology platform and building a successful business. We are a highly specialized consulting firm with sub-specializations in acoustics, fuel systems, exhaust systems, plastic engine parts, interior/exterior systems and thermal management from a component and modular perspective.

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