



2nd ASEAN BRAKE CONFERENCE AND EXHIBITION 2016

MILLENNIUM HILTON BANGKOK, THAILAND
JANUARY 24-26, 2016

Sunday, January 24, 2016

Golf Outing (Optional)

Golf Course : Nikanti Golf Club

(Cost/person US\$170 including green fee, caddy fee, golf cart, food & beverage and transportation and +US\$ 30 for rental club)

6:00	Leave the hotel
7:00 – 7:50	Breakfast at the golf course
8:00 – 13:00	Golfing
13:00 – 14:00	Lunch at the golf course
14:00 – 15:00	Return to the hotel

Sightseeing (Optional) (US\$100/person)

Place : Chaopraya River and Sampran Riverside

9:00 – 11:00	Long Tail Boat Canal Tour
11:00 – 12:00	Leave to Sampran Rivierside
12:00 – 13:30	Networking Lunch at JSM Restaurant
13:30 - 15:30	Thai Cultural Show (Music & Dancing, Boxing, Elephant Demonstration)
15:45 – 16:45	Return to the hotel

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17:30 – 18:20	Advisory Board Meeting
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18:30 - 20:30	Buffet Reception at Millennium Hilton Riverside
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Monday, January 25, 2016

- 7:30 – 8:30 Advisory Board Breakfast
- 8:40 – 9:00 **Opening Remarks by Program Chair ,General Chair and Executive Advisor**
- 9:00 – 9:30 **Keynote : "Science, Technology and Innovation for Competitiveness of Industry"**
Assoc. Prof. Dr. Somchai Chatratana, Deputy Secretary General, National Science Technology and Innovation Policy Office, Thailand
Moderator: Kasem Issaraphitthakkul, Managing Director, Compact International
- 9:30 – 10:15 **"On the Origin of Friction in Brakes"**
Prof.Dr.George Ostermeyer, Technical University of Braunschweig, Germany
Moderator: Dr.Seong Rhee, President, SKR Consulting LLC
- 10:15 – 11:00 Coffee Break
- 11:00 – 12:00 Panel **"Voice of the OEM/Tier1/Tier2"**
- Yukihiro Shiomi, Project General Manager/Chassis Development Division ,Toyota Motor Corporation
 - Yoshiki Matsuzaki, Managing officer, Advics co.,ltd
 - Masami Aono, Product Management and marketing consultant, Chassis Brake International Japan Co.,Ltd.
 - Dr.Heribert Schumacher, Vice President Global Engineering, Federal Mogul MOTORPARTS – Braking
- Moderator: Roy Link, General Chair, SAE Brake Colloquium
- 12:00 -13:30 Lunch Break
- 13:30 -14:15 **"Influence of Brake Rotors on Friction, Wear and NVH"**
Dr.Seong Rhee, President, SKR Consulting LLC
Moderator: Prof. John Fieldhouse, The University of Bradford



- 14:15 – 15:15 Session “**Friction Materials Manufacturing/Technology Update**”
- **Increasing the process reliability-handling**
Wolfgang Hummler, Technical Area Sales Manager (SAE), AZO Limited
 - **Automation and Process Control of Brake Pads Painting**
Stefano Bellu, Sales and Marketing Manager, IMF Engineering
 - **State of the Art of Friction Material Grinding Technology**
Paolo Frati, [Sales and Marketing Manger](#), AFT SpA-Comec Grinders & Presses
 - **The Original Greenlayer**
Gianni Minetto, Sales Manager Friction & Sintering, CAME SRL
- Moderator: Meechai Sriwiboon, R&D Director, Compact International
- 15:15 – 16:00 Coffee Break
- 16:00 - 16:30 “**OEM Quality Requirements for Friction Materials and Influence of Rotor Composition on Friction Material Characteristics**”
- Eros Sales, Global Friction Application Director, ITT Motion Technologies
- Moderator: Satya Priye, Director, Satya Cashew Chemicals
- 16:30 - 17:15 Session “**Raw Materials Technology Update- Part 1**”
- **Resilient Graphitic Carbon, Role and Influence in Today and Future Brake Pad Performance Especially CU Free Pads**
Dr.Eric Salmon, Global Product Manager Friction Products, Superior Graphite Europe
 - **Prochim GP01 : a noise and fading solution in friction material**
Mr.Maurizio Restuccia, Technical Sales Manager, Itaprochim SRL
 - **Phenolic for Friction**
Mr.Assawin Kaewkitinarong, Technical Manager, Thai GCI Resitop Co., Ltd
- Moderator : Boonyawat Teeraprawatekul, Director, ACME International
- 17:15 – 17:30 Promotional session for International Brake Conferences
- 18:00 - 20:00 Conference River Cruise Reception

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Tuesday, January 26, 2016

7:30 – 8:30 Advisory Board Breakfast

8:30 - 9:15 ***“Looking at Brake Design and Squeal Issues”***

Prof. John David Fieldhouse, Visiting Professor, The University of Bradford

Moderator: Prof.Dr.George Ostermeyer, Technical University of Braunschweig, Germany

9:15 -10:00 Session ***“Raw Materials Technology Update- Part 2”***

- **The Use of Lapinus Mineral Fibres: different mixing setups to archive the best performance in friction materials**

Arno Kerssemakers, Development Engineer, Lapinus Fibres

- **Chinese Flake Graphite supplies to Global Markets**

Mr.Adam Tseng, CEO, Cocan Graphite

- **New Generation Iron Powder for Brake Pads**

Mr.Aditya Bothate, Manager-Business Development, Hognas

Moderator: Dr.Diego Santamaria, R&D Manager, Lapinus Fibres

10:00 -10:45 Coffee Break

10:45 -11:15 ***Status Report ISO Sub-working Group “Brake Linings and Friction Couples”***

Harald Abendroth, Chair, Eurobrake

Moderator: Dr.Heribert Schumacher, Federal Mogul

11:15 – 11:45 Session ***“Developments in Global Brake Testing”***

- **Global Brake Testing Status**

Young Hwan Shin, CEO of SE Systems Inc./ Link Testing Lab. Korea

- **Benefits of a Properly Conceived Test Program**

Charles Greening, Jr., President, Greening Testing Laboratories Inc

Moderator: Harald Abendroth, Chair, Eurobrake

11:45 - 13:15 Lunch Break



13:15 - 14:00 *Session "Disc Brake Technology and NVH"*

- **Solutions for Market and Technical trends of Innovation**
Mr.Masami Aono, Product Management and marketing consultant, Chassis Brake International Japan Co.,Ltd.
- **The effect of Brake Anti-squeal Grease and Shim**
Mr.Hidetoshi Shimizu, General Manager, Link Engineering Japan
- **Brake Squeal and Wheel Dust vs. Disc Wear: No-Copper, Low-Copper and High-Copper NAOs Disc Pads**
Meechai Sriwiboon, R&D Director, Compact International

Moderator: Eric Denys, VP of Global OE Brake and AM Integration, Wolverine Advanced Materials

14:00- 14:45 Coffee Break

14:45 – 16:00 Panel *"Regional Aftermarkets for Friction Materials"*

- **South-East Asia**, Andrew French, Product Engineering Manager, Bendix
- **India**, Aman Rathee, Director, ASK Automotive
- **South Africa**, Andrew Williamson, Managing Director, TRAXX SA and APMC
- **Europe**, Nick Ishii-Dodson, Research and Development Manager, Roulunds Braking
- **USA**, Roy Eastham, Vice President of Engineering, Hi-Pads Brake Technology

Moderator: Yao Wang, President, China Friction and Sealing Materials Association (CFSMA)

16:00 -16:40 Session *"Raw Materials Technology Update- Part 3"*

- **Phenolic Resins for Tough Braking Challenges**
Ms.Tara Shi, Marketing Manager-Asia, Hexion Management (Shanghai) Co., Ltd.
- **Friction Materials Performance Enhancement by Metal Sulfides**
Dr.Seong Rhee, President, SKR Consulting LLC

Moderator: Aman Rathee, Director, ASK Automotive (P) Ltd.

16:40 -17:00 Closing Remarks

18:00 –20:00 Thank-You Dinner for Speakers, Moderators and Advisory Board Members

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Exhibition hours : Monday, January 25, 2016 10:00 - 17:00
 Tuesday, January 26, 2016 10:00 – 15:00