4th South and Southeast Asia Brake Conference and Exhibition 2018

AVANI RIVERSIDE BANGKOK HOTEL, THAILAND

**Saturday 3 - Tuesday 6 February 2018**

*Saturday, February 3, 2018*

**Networking Activity**

**AsiaBrake 2018 Twilight Golf Outing**

**Golf Course:** Summit Windmill Golf Club

14:00 – 15:00 Leave the hotel for the golf course

15:30 – 20:30 Golfing

20:30 – 22:00 Dinner at the golf course

22:00 – 22:45 Return to the hotel

*Sunday, February 4, 2018*

**Networking Activity**

**Cultural Tour at The Ancient City, Thailand**

 8:30 – 9:30 Leave the hotel

 9:30 – 12:00 Exploring The Ancient City

12:00 – 12:30 Leave Ancient City to restaurant

12:30 – 13:30 Lunch at Sanctuary Café and Restaurant

13:30 – 14:30 Return to the hotel

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17:30 – 18:20 Advisory Board Meeting

18:30 - 20:30 Buffet Reception at Avani Hotel

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*Monday, February 5, 2018*

9:00 – 9:20 **Opening Remarks**

by Program Chair, General Chair and Executive Advisor

9:20 – 10:00 **Keynote Speaker**

**“*Braking Issue in The Real World : A Perspective of Road Safety”***

Zulhaidi Mohd Jawi - Senior Researcher of Malaysian Institute of Road Safety (MIROS)

Moderator **:** Ir. Dr. Khairil Anwar bin Abu Kassim - Secretary General ASEAN NCAP

10:00 – 10:40 Coffee Break

10:40 – 11:20 Invited Speaker

“***Fundamentals of Brake Design”***

Prof. John David Fieldhouse - Advisor to Industry

Moderator: Prof. G-P. Ostermeyer, Technical University of Braunschweig

11:20 – 12:35 Panel ***"Electric Vehicles’ Impact on Brakes"***

* **Yossapong Laoonual** – President, Electric Vehicle Association of Thailand (EVAT).
* **Yukihiro Shiomi** – Project General Manager-Chassis, Development Division Toyota
* **Hidetoshi Shimizu** - Chairman of Brake Forum in Japan and Chief Engineer Asia Pacific, Link Engineering
* **Prof.John Fieldhouse** – Advisor to Industry

Moderator **:** Roy Link, Chairman & CEO, Link Engineering

12:35 -13:50 Lunch Break

13:50 –15:10 Session **“*Friction Materials Update- Part 1”***

Session Chair: Dr. Eros Sales, ITT Motion Technologies

* **Why Consistency of Stone Fibres Matters**

Arno Kerssemakers - Senior Friction Material Specialist, Lapinus

* **EPD Grains: Special Polymers to Silence Your Brakes**

Gianni Minetto - Sales Manager Friction & Sintering, CAME SRL

* **A Study of The Effect of Oxidation Temperature of Synthetic Sulfides in The Performance and Wear in a Copper-Free Formulation**

Dr.Carlos Lorenzana - Operations Manager, RIMSA Metal Technology SA

* **Phenolic Resins for Friction Industries-Past, Present and Future**

Dipak Kumar Ghosh - Director (Technical), Forace Polymers Pvt. Ltd

15:10 – 15:50 Coffee Break

15:50 - 16:30 Invited Speaker

“***Ingredient Variability and Its Effect on Friction Materials Performance”***

Dr.Eros Sales - Global Friction Application Director, ITT Motion Technologies

Moderator: Arno Kerssemakers, Lapinus

16:30 - 17:30 Session ***”Friction Materials Update- Part 2”***

Session Chair:Dr.Vijay Subramanian, Alroko

* **A New Ceramic Material for Friction Formulas**

Dr.Roberto C. Dante - Friction team manager, Quartz Srlsu

* **Performance of CNSL Based Products in Friction Materials**

Frederique Catterman - Sales & Marketing Manager Friction Products, Cardolite

* **Graphite in Friction – Key Factors for Success”**

Alexander Unfried - Sales Director, Graphit Kropfmühl GmbH

18:30 - 21:30 Conference River Cruise Reception

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*Tuesday, February 6, 2018*

 9:00 - 9:40 Invited Speaker

**“*On Emission of Brakes”***

Prof.Dr.George Ostermeyer - Technical University of Braunschweig, Germany

Moderator: Prof. John David Fieldhouse, Advisor to Industry

 9:40 – 10:20 Session ***“Friction Materials Update- Part 3”***

Session Chair: Satya Priye, Satya Cashew Chemicals

* **Disc Pad Physical Properties vs. Porosity: The Question of Compressibility as an Intrinsic Physical Property**

Kritsana Kaewlob - Friction Material Development Manager, Compact International

* **On Role of Resilient Graphitic Carbon and Purified Needle Coke in NAO Brake Pads**

Dr.Yujie Feng - Regional Sales Manager Asia, Superior Graphite

10:20 - 10:50 Coffee Break

10:50 - 12:10 Session ***“Brake NVH update”***

Session Chair: Parimal Mody, Nucap Global

* **Maximising Brake Noise Suppression by Optimising The Design of Grease Used to Prevent Brake Squeal**

Alan Charlton - Director Coatek International Ltd. UK., DAISHIN KAKO

* **Light-Weight and Corrosion-Resistant Back-Plate Technologies for Mechanically-Attached Brake Pads for Electric Vehicles**

Parimal Mody - Global VP of Technology, Sales, and Business Development, NUCAP Global

* **Influence on Brake Noise by Variation of Multi Adhesive Layer Damping Materials**

Dai-Victor Sakaguchi - Sales Manager, Trelleborg Sealing Solutions Germany GmbH

* **An Introduction to Stiction Phenomena**

Alberto Dall’Aglio - R&D Product Manger, ITT MOTION TECHNOLOGIES

12:10 - 13:30 Lunch Break

13:30 - 14:30 Session “***Developments in Global Brake Testing***”

 Session Chair: Tim Duncan, Link Engineering

* **Climate Control for Inertia Dynamometer Testing**

Tim Duncan - Executive Vice President, Link Engineering Company

* **Developing Endurance Test** **Mode for High Performance**

Alejandro Assens - Project Manager Braking Systems, Applus IDIADA Automotive Technology

* **Scale Dyno R&D and Prospect**

Lining Wang - Senior Engineer, Jilin Province JiDa Elec.-Mech. Machinery Co.,Ltd.

14:30 - 15:30 Session***“ Industrial update”***

 Session Chair: Boonyawat Teeraprawatekul, Acme-Inter

* **How to Earn Money with Virtual Manufacturing**

Pontus Rosengren - Head of Southeast Asia, Virtual Manufacturing

* **The Manifold Aspects of Brake Component Surfaces and How To Ensure Consistent Quality Finishing**

Dr.Björn Dingwerth - Director Strategic Marketing Anti Corrosion, MacDermid Enthone Industrial Solutions

* **Q-Factor Measurement in Industrial Production**

Marco Tatti - CEO, MAGYC srl.

15:30 - 16.00 Coffee Break

16:00 - 17:15 Panel ***"Aftermarket Brake Repairs : Challenges and Opportunities"***

* **Andrew French** - Product Engineering Manager, Bendix
* **Meechai Sriwiboon** - Technical Director, Compact International
* **Nicholas Ishii-Dodson** - Research and Development Manager, Roulunds Braking
* **Eros Sales-** Global Friction Application Director, ITT Motion Technologies
* **Songwut Mongkonlerdmanee -** The Sirindhorn International Thai-German Graduate School of Engineering, KMUTNB

**Moderator**: Aman Rathee, Director, ASK Automotive

17:15 - 17:35 Closing Remarks

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Exhibition hours : Monday, February 5, 2018 10:00 - 17:00

 Tuesday, February 6, 2018 10:00 – 16:00