

# ASIABRAKE 2026

## 11<sup>th</sup> Annual Conference & Exhibition

15<sup>th</sup> - 17<sup>th</sup> March 2026

The Leela Ambience Gurugram, Delhi NCR, India

### Sunday, March 15, 2026

7:00 - 16:00	Networking Activity (optional): Golf outing
8:00 - 16:00	Sightseeing of local attractions (optional)
17:00 - 17:45	Executive Board Meeting
17:45 - 18:30	Advisory Board Meeting
19:30 Onwards	Welcome Dinner

### Exhibition Setup

16:00 - 22:00	Sunday, March 15, 2026
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### Monday, March 16, 2026

8:00 - 9:00	Registration
9:00 - 9:30	Opening Remarks & Welcome Address By Steering Committee Chair, General Chair, Program Co-Chair
Session #1	
9:30 - 9:45	<b>Panel 1: "Current Market Trends in India: OEM"</b> <b>Moderator:</b>
Session #2	
9:45 - 10:30	<b>Panel II: "HCV, PV, 2W, OE Brakes - Indian Market Outlook"</b> <b>Moderator:</b>

Session #3	
10:30 - 11:10	<b>Keynote Lecture: “Impact of Vehicle Electrification on Friction Brake Design”</b> <b>Dr. Toru Matsushima, TOYOTA MOTOR CORPORATION</b> <b>Session Chair:</b>
11:10 - 11:45	<b>Networking Coffee Break and Exhibition Area visit</b>
Session #4	
11:45 - 12:25	<b>“Considerations on reducing drag torque of disc brakes”</b> <b>Yuhei Yamazaki, Engineer, MOC Engineering Development Dept. ADVICS CO. LTD.</b>  <b>“Development of squeal noise analysis technology reflecting effective shim stiffness”</b> <b>Hyeokbo Sim, Senior Research Engineer at HL Mando</b> <b>Session Chair:</b>
12:25 - 13:00	<b>“Further Investigation of Variables Affecting Brake Squeal: Porosity Effect on Low-met Pad Properties”</b> <b>Dr Seong Kwan Rhee, SKR Consulting LLC, USA</b> <b>Shivraj Singh, Sr. VP, Braking Solutions, ASK Automotive, Ltd. India</b>  <b>“Further Investigation of Disc Pad Compression Deformation during ISO Compressibility and Dynamic Modulus Measurements under Relatively Low Pressures”</b> <b>Jitpanu Kunthong, Test Engineer, Compact International (1994) Co. Ltd. Thailand</b>  <b>Session Chair:</b>
13:00 - 14:00	<b>Lunch Break</b>
Session #5	
14:00 - 14:40	<b>Invited Lecture: “The Role of Artificial Intelligence in Brake Development”</b> <b>Professor Georg Ostermeyer, Technical University of Braunschweig</b>  <b>Session Chair:</b>

14:40-15:40	<p><b>“Simulation And Correlation of Air Disc Brake Under Dynamic Brake Condition”</b>  <b>S Murugan</b>, Senior VP, R&amp;D and Marketing, Heavy Vehicle Business Unit, Brakes India Pvt. Ltd.</p> <p><b>“An outlook on the past developments and future trends of ROCKWOOL engineered Lapinus mineral fibres”</b>  <b>Shreyas Ravi</b>, R&amp;D Manager, ROCKWOOL Core Solutions</p> <p><b>“Rotor Surface Modifications: A patent review”</b>  <b>Dr. Vijay Subramanian, Jascha Wilms, Ralf Raulinat</b>, Alroko GmbH &amp; Co KG</p> <p><b>Session Chair:</b></p>
15:40 - 16:10	<b>Networking Coffee Break</b>
<b>Session #6</b>	
16:10 - 16:50	<p><b>Keynote Lecture: “EV/Hybrid Vehicles and Braking Trends in China”</b>  <b>Dr. Richard Liu</b>, Managing Director, Zhuhai Glory Friction Material Co., Ltd.</p> <p><b>Session Chair:</b></p>
16:50 - 17:30	<p><b>“Sb2S3 legal situation and the mechanism of Metal sulfides in Brake pads”</b>  <b>Dr. Fabian Hofmann</b>, Head of Analytics and Application Engineer, Tribotecn GmbH</p> <p><b>“New friction material trends: A Worldwide Overview”</b>  <b>Alberto Dall’Aglio</b>, R&amp;D Senior Product Manager, ITT Friction Technologies</p> <p><b>Session Chair:</b></p>
19:00 - 21:30	<b>Business Networking Dinner</b>

## Tuesday, March 17, 2026

### Session #7

08:40 - 09:20	<b>Keynote Lecture: "Recent developments in Brake Testing Systems and Procedures"</b> <b>Carlos Agudelo</b> , LINK Engineering Company  <b>Session Chair:</b>
09:20 - 11:00	<b>"Real-time Measurement of Total and Solid Brake Wear Emissions: Influence of Pad Material on Particle Number, Mass and Size Distribution"</b> <b>Oskari VAINIO</b> , Director Sales and Services, Dekati Ltd  <b>"Sustainable milled aramid fiber innovation for enhanced NAO brake pad performance"</b> <b>Frank Diederling</b> , Researcher, Product and Application Development, Teijin Aramid  <b>"Advancing Solid Lubrication: A Case for Complex Metal Sulfides Compared to Single-Metal Sulfide Blends"</b> <b>Kamal Allahyarli</b> , R&D Manager, Frimeco  <b>Session Chair:</b>
11:00 - 11:30	<b>Networking Coffee Break</b>

### Session #8

11:30 - 12:10	<b>"Evaluation of Hybrid Graphite Systems for optimised Tribological performance in Disc Brake Friction Materials"</b> <b>V. Vineeth Kumar</b> , Senior Engineer - Friction R&D, Brakes India Pvt. Ltd, Padi  <b>"Dynamometer Study of Braking Balance in Inter-city Buses"</b> <b>Charles W. Greening, Jr.</b> , President, Greening, Inc.  <b>Session Chair:</b>
12:10 - 12:50	<b>"Plant-based Fibers in Brake Pads and Linings"</b> <b>Enno Kreher</b> , Product Manager, J. Rettenmaier & Söhne GmbH & Co KG  <b>"The Evolution of Brake Testing Dynamometers: from manual control to Virtual Dyno and UN-GTR 24 (Euro 7) testing"</b> <b>Dr. Andrea Geuna</b> , CEO TecSA R&D srl  <b>Session Chair:</b>
12:50 - 13:50	<b>Networking Lunch Break</b>

Session #9	
13:50 - 14:30	<p><b>Invited Lecture: “Stick slip and preslip vibration”</b>  <b>Professor Francesco Massi</b>, University of Rome - La Sapienza</p> <p><b>Session Chair:</b></p>
14:30 - 15:10	<p><b>“Brake Emission Testing for Heavy-Duty Vehicles: Insights from AVL’s Euro 7 Development”</b>  <b>Bernhard RASER</b>, Global Director Product &amp; Business Development Truck &amp; Bus, AVL List GmbH, Graz, AUSTRIA</p> <p><b>“Application of Openable Cyclone to Collect Brake Emissions for Physico-Chemical Characterization”</b>  <b>Bozhena Tsyupa</b>, Materials Specialist, Brembo N.V</p> <p><b>Session Chair:</b></p>
15:10 - 15:50	<p><b>“Correlation Analysis of Compression, Hardness and Porosity in Automotive Brake Pads”</b>  <b>Tianlang Zou</b>, R&amp;D Engineer, Zhuhai Glory Friction Material Co., Ltd.</p> <p><b>Session Chair:</b></p>
15:50 - 16:20	<b>Networking Coffee Break</b>
Session #10	
16:20 - 17:20	<p><b>“Influence on EURO 7 emission by formula of brake disc and friction material”</b>  <b>Tom Wan/Tony Yan /Otto Tang</b>, R&amp;D Engineer /R&amp;D Director/R&amp;D Engineer, LPR (Zhuhai) Autoparts Limited</p> <p><b>“Optimization and Performance Evaluation of a Hybrid Eco-Ceramic Brake Pad Based on Alumina, Bagasse Fiber, and Rice Husk: Toward Sustainable Copper-Free Friction Materials”</b>  <b>Elham Khanpour</b>, R&amp;D Expert, Remapuya Industrial Group</p> <p><b>“Investigation of brake wear particle emissions from heavy-duty vehicles”</b>  <b>Bassent Dridi</b>, Ph.D. Candidate, Lund University</p> <p><b>Session Chair:</b></p>
17:20 -17:45	<b>Closing Remarks</b>

Exhibition Hours	
10:00 - 17:00	Monday, March 16, 2026
10:00 - 16:00	Tuesday, March 17, 2026

Wednesday, March 18, 2026	
7:00 - 18:00	Sightseeing (Optional): Taj Mahal, Agra