

ASIABRAKE 2026

11th Annual Conference & Exhibition

15th - 17th 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	**Panel 1: "Current Market Trends in India: OEM"** **Moderator:**
Session #2	
9:45 - 10:30	**Panel II: "HCV, PV, 2W, OE Brakes - Indian Market Outlook"** **Moderator:**

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

Program



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

Tuesday, March 17, 2026

Session #7

08:40 - 09:20	<p>Keynote Lecture: "Recent developments in Brake Testing Systems and Procedures"</p> <p>Carlos Agudelo, LINK Engineering Company</p> <p>Session Chair:</p>
09:20 - 11:00	<p>"Real-time Measurement of Total and Solid Brake Wear Emissions: Influence of Pad Material on Particle Number, Mass and Size Distribution"</p> <p>Oskari VAINIO, Director Sales and Services, Dekati Ltd</p> <p>"Sustainable milled aramid fiber innovation for enhanced NAO brake pad performance"</p> <p>Frank Diedering, Researcher, Product and Application Development, Teijin Aramid</p> <p>"Advancing Solid Lubrication: A Case for Complex Metal Sulfides Compared to Single-Metal Sulfide Blends"</p> <p>Kamal Allahyarli, R&D Manager, Frimeco</p> <p>Session Chair:</p>
11:00 - 11:30	Networking Coffee Break
	<p>Session #8</p>
11:30 - 12:10	<p>"Evaluation of Hybrid Graphite Systems for optimised Tribological performance in Disc Brake Friction Materials"</p> <p>V. Vineeth Kumar, Senior Engineer - Friction R&D, Brakes India Pvt. Ltd, Padi</p> <p>"Dynamometer Study of Braking Balance in Inter-city Buses"</p> <p>Charles W. Greening, Jr., President, Greening, Inc.</p> <p>Session Chair:</p>
12:10 - 12:50	<p>"Plant-based Fibers in Brake Pads and Linings"</p> <p>Enno Kreher, Product Manager, J. Rettenmaier & Söhne GmbH & Co KG</p> <p>"The Evolution of Brake Testing Dynamometers: from manual control to Virtual Dyno and UN-GTR 24 (Euro 7) testing"</p> <p>Dr. Andrea Geuna, CEO TecSA R&D srl</p> <p>Session Chair:</p>
12:50 - 13:50	Networking Lunch Break

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

Program



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
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