CALL FOR PAPERS/PRESENTATIONS

Brake Colloquium & Exhibition
November 12 - 15, 2023 | San Antonio, Texas

The Colloquium is a who's who gathering place for everyone involved in the science of braking from around the world. Experts from Industry, research institutions and academia convene to share their development and case studies in every critical aspect of braking for ICE, EV including ADAS high levels automated vehicle systems.

The Technical Program Committee invites you to share your expertise through the development of a technical manuscript or presentation on latest technical ideas and advancements in brake technology with fellow industry professionals and decision makers at our 41st annual Colloquium in San Antonio, TX.

Industries of Focus
• Passenger Cars, Trucks & SUVs
• Commercial Vehicle
• Performance and Aftermarket Vehicles
• Aerospace
• Railway
• Motorcycle

Topics Under Consideration
• Friction Materials
• Raw Materials
• Disc and Drum Materials/Design
• Backing Plates
• Noise Shims and Grease
• Automotive Brakes
• Commercial Vehicle Brakes
• Railway Brakes
• Wheel Bearings/Seals
• Impact of Fuel Economy on Brake Design
• High Performance Brakes
• Electric/Electronic Braking
• Braking for Electric, Hybrids, and Automated Driving
• Testing and Measurement
• NVH
• CAE
• Fundamental Mechanisms of Friction and Vibration
• New Innovative Technologies/Products
• Actuator and Actuation Systems
• Artificial Intelligence on Braking

Abstracts must be submitted online via website page to only ONE session. Offered papers shall not have been previously published; and if accepted, contributors will not release their paper for publication through other media.

• Paper acceptance will be based on organizer moderated peer review of a review ready manuscript.
• Refer to the author resources site at volunteers.sae.org/authors.htm and https://support.morressier.com/en/articles/6376667-authors-guide-to-submitting-an-abstract for other useful information in preparing your paper.
• Portal for submission of abstracts will be open on November 30, 2022
• Deadline for submitting abstracts is May 5, 2023
• Review Ready Manuscripts due to session organizers May 22, 2023
• Final Manuscripts and copyright assignments due to SAE September 18, 2023
• Authors will be charged a nominal registration fee for colloquium attendance.

Nestled amid 600 acres of oak-covered hills in Texas Hill Country, JW Marriott San Antonio Hill Country Resort & Spa is a luxury haven within a stunning landscape. Explore San Antonio’s most popular attractions near the hotel, including wineries, SeaWorld, Shops at La Cantera, Natural Bridge Caverns and Six Flags Fiesta Texas. After a full day of networking at the Colloquium consider retreating to the hotel’s River Bluff Water Experience, a nine-acre water park featuring a 1,100-foot lazy river.

For questions contact:
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Calling all students to share your latest research at the Poster Competition in San Antonio. In addition to a cash prize, this is a great opportunity to showcase yourself and present technology to industry professionals as well as have private networking opportunities with executives. Part of the prize monies awarded by the SAE Myers Award. See session BC500.