Brake Colloquium & Exhibition
October 11-14, 2020 | San Antonio, Texas

There have been significant changes in brake development over the years and based upon future industry and end-user braking requirements the Technical Program Committee invites you to share your latest technical ideas and advancements with fellow industry professionals and decision makers from around the world at the Brake Colloquium. The Colloquium is the forum for executives, decision makers, engineers, research institutions and academic professionals to come together to share the science on brake developments from around the world so be a part of helping shape the future of brake development as we enter into the world of automated and electrified vehicle technology.

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

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
• Calipers/Brake Corners/Wheel Bearings/Assembly
• Advancements in Wet Friction
• Brake Fluids
• Aftermarket Brakes and Components
• Regulations and Standards
• Emission and Environmental Manufacturing and Quality
• Brake Hoses
• Controls & Mechatronics for Hybrid and Conventional Vehicles
• AEB
• ADAS
• Other

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 for other useful information in preparing your paper.
• Portal for submission of abstracts will be open on September 22, 2019
• Abstract Deadline for submitting paper offers March 8, 2020
• Review Ready Manuscripts due to session organizers April 19, 2020
• Final Manuscripts and copyright assignments due to SAE August 3, 2020
• Authors will be charged a nominal registration fee for colloquium attendance.

General Author Resources Page
volunteers.sae.org/authors.htm

How to Write an SAE International Technical Paper
volunteers.sae.org/authors/sae_tech_paper.pdf

Reviewer Resources
If you are interested in becoming a paper reviewer, guidance and judgement information is provided here volunteers.sae.org/reviewers.htm

For questions contact
Elise Sturgess
SAE International
+1.724.772.8534
elise.sturgess@sae.org

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