



**38th Annual Meeting and Conference  
on Tire Science and Technology  
SEPTEMBER 10 & 11, 2019  
Akron, Ohio, USA**

**2019 Conference Website, [click here](#)**

**CALL FOR PAPERS**

**2019 Conference Theme: MOBILITY FRONTIERS**

The Tire Society welcomes Interested individuals to its 38th Annual Tire Science and Technology Meeting and Conference - the scientific professional organization for the tire industry.

This annual meeting is a forum for researchers, users, policymakers, students and advocates to learn about innovations that will drive our industry in years ahead. By effectively communicating our knowledge and research we can change practices and policies at all levels. The conference will include:

- A Keynote address by an industry leader
- A Plenary lecture by a recognized technical expert, addressing the implementation of technology and science
- Panel discussions,
- Technical paper presentations,
- Networking opportunities

**Students and Young Professionals – You Are Our Future!** The TST Annual Meeting provides unique opportunities to gain experience, develop leadership skills, and network with people who share your professional passion. We encourage students and young professionals to submit proposals. The best paper submitted by a full-time university student will receive a cash prize. More information on the Student Paper requirements and submission process are on our Website [here](#).

## Papers are being accepted in the following areas:

### **Tire Industry Trends**

Regulations & Standards, Autonomous/Shared Vehicles, Next Generation Mobility, Sustainable Material Sourcing

### **Tire Materials**

Polymers, Cords, Steel, Green & Cured Rubber, Material Characterization Tire Lifecycle

### **Emerging Technologies**

Smart Tires, RFID, Sensors, Tire Electronics, Non-pneumatic Tires

### **Tire/Vehicle/ Road Systems**

Vehicle Dynamics and Stability, Ride, Harshness, Noise, Wear, Rollover, Pull, Uniformity, Friction, Tire Effects on Pavement

### **Tire Performance**

Durability, Rolling Resistance, F&M, Simulation, Testing, Tire Design

### **Tire Manufacturing**

Advances in Established and Emerging Methods, Simulation

### **Data Analytics and “Big Data”**

Tire/Vehicle Performance, Materials/Lab Data, Simulation Results, Manufacturing Processes and Intelligent Factory

### **Virtual Design**

Constitutive Models, Tire Modeling and Model Characterization, Virtual Prototyping, Advancements in Tools and Techniques

## Proposal Formats

**Individual Paper and Oral Presentation:** Individuals or small groups of authors are encouraged to submit abstract proposals for papers whose content could be conveyed in **15-20 minutes** (including a question/answer period). *Paper presentations will be grouped into sessions with a common topic or theme.* The Tire Society will provide a moderator for each session.

Generally, presenters are expected to also submit a technical paper for publication in the refereed Tire Science and Technology journal. In special cases, oral-only presentations may be accepted. Please contact the program chairmen if it is necessary to make special arrangements.

**Panel Presentation (new for 2019):** Small groups of authors are encouraged to submit 2-4 distinct but thematically linked presentation proposals as part of a panel discussion session. Presentations would be 5-10 minutes each, followed by a discussion among the panel and a Q&A with the audience. Panel presentations will be reviewed as a group. The Tire Society will provide a moderator for each session.

**Poster Presentation:** Individuals or groups of authors are encouraged to submit proposals for interactive poster presentations in which they will discuss their work with conference participants. Poster proposals will also be peer-reviewed.

**Abstract Submission Deadline May 31, 2019**

**Paper Submission Deadline July 30, 2019**

## Individual Paper, Oral and Poster Presentations: Abstract submittal instructions:

Step 1: Fill out and sign the - [Transfer of Copyright Agreement](#). This can be signed electronically.

Step 2: Ensure that the Abstract is at least 200 words and meets the style conventions found in the [example](#)

Step 3: Email the Abstract and the Transfer of Copyright Agreement to [conference@tiresociety.org](mailto:conference@tiresociety.org).

More information for Authors, including Manuscript Submission and Speaker Information can be found [HERE](#).

### For a Panel Presentation, the submission should include:

- Title of your session - the title should reflect the overall theme of this panel
- Desired presentation type (Panel) please note that selecting this option, does not guarantee that your proposal will be accepted as a panel. The Tire Society reserves the right to reorganize the panels.
- Authors (full names, degrees, affiliation)
- Titles and abstracts of individual presentations in this panel (e.g., three brief abstracts) The entire proposal cannot exceed 500 words.

More information for the conference can be found by visiting the 2019 Conference Website [here](#).

## Conference Information

The Tire Society is hosting its 38th annual Business Meeting and Conference on Tire Science and Technology, September 10-11, 2019, at the Akron-Fairlawn Hilton in Akron, Ohio, USA.

## Contact Information

For the latest news and updates, make sure to follow us:



<https://www.linkedin.com/company/the-tire-society/>



<https://twitter.com/thetiresociety>

For questions about the conference, please contact:

### **Anudeep Bhoopalam**

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Program Chairman

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Program Co-Chairman

For questions about The Tire Society, please contact [tst@allenpress.com](mailto:tst@allenpress.com)

**Tire Science and Technology Conference**  
***Driving Technology Forward***  
**Please join us at the 2019 Conference**