



**42<sup>nd</sup> Annual Meeting and Conference  
on Tire Science & Technology  
Sept 12<sup>th</sup> & 13<sup>th</sup> 2023**

University of Akron Campus  
Akron, Ohio, USA

Tire Society Website, [click here](#)

## **STUDENT CALL FOR PAPERS**

### **2023 Conference Theme: *Intelligent Tire***

The Tire Society welcomes interested individuals to its 42<sup>nd</sup> Annual Tire Science and Technology Meeting and Conference - the scientific professional organization for the tire industry.

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

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

**Students and Young Professionals – You Are Our Future!** The Tire Science & Technology Annual Meeting and Conference provides unique opportunities to gain experience, develop leadership skills, and network with professionals who share your passion. We encourage students and young professionals to submit paper proposals. The best paper authored and presented by a full-time university student will receive a cash prize. **To be eligible for the student award, the student paper manuscript must be submitted prior to the conference.**

## 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 System

Vehicle Dynamics and Stability, Ride,  
Harshness, Rollover, Pull, Uniformity

### Tire Performance

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

### Tire Road Interaction

Friction, Noise, Wear, Tire Effects on  
Pavement

### Data Science

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

### Virtual Design

Constitutive Models, Tire Modeling  
and Model Characterization, Virtual  
Prototyping

## Proposal Formats

**Individual Paper and Oral Presentation:** Individuals or groups of authors are encouraged to submit abstract proposals for papers whose content can 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 society will provide a moderator for each session.

Paper Abstract Submission Deadline: **May 29<sup>th</sup>, 2023**

Notification for Paper Acceptance Deadline: **June 15<sup>th</sup>, 2023**

Paper Presentation Material Submission Deadline: **August 15<sup>th</sup>, 2023**

Paper Manuscript Submission Deadline: **September 11<sup>th</sup>, 2023**

for consideration of awards

## Individual Paper, Oral, and Poster Presentations: Abstract Submittal Instructions

Step 1:	Prepare your Abstract. Please ensure that your Abstract is between 100 and 300 words and observes style conventions as exemplified in the Tire Science and Technology journal. Use the example abstract found <a href="#">here</a> as a template for submission.
Step 2:	Email your Abstract to <a href="mailto:conference@tiresociety.org">conference@tiresociety.org</a> .  No submissions will be accepted via regular postal mail. Please note that abstracts may be edited for publication on the Society's web site and in the conference abstract booklet for grammar and to provide consistent style.  NOTE: Please indicate in your email if the abstract being submitted is for a student paper.

More information for Authors, including Presentation Information, Awards Information, and Manuscript Submission Information can be found [here](#).

### Award Information

The Tire Society will award \$750 for the best student paper presentation.

### Conference Information

The Tire Society has scheduled its 42<sup>nd</sup> annual Business Meeting and Conference on Tire Science and Technology, September 12<sup>th</sup> & September 13<sup>th</sup>, at the University of Akron, Student Union Ball Room Conference Center, Ohio, USA. We are actively monitoring the COVID-19 pandemic and will adjust the conference as necessary for the health of all participants.

More information for the conference will be found by visiting the 2023 Conference Website which will soon be available on [tiresociety.org](http://tiresociety.org).

### Contact Information

For questions about the conference, please contact:

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

**Tire Science and Technology Meeting and Conference**

***Driving Technology Forward***

**Please join us at the 2023 Conference**