



# 2012 Tire Society Conference *Student Paper Award*



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A \$500 prize will be presented for the best technical paper authored and presented by a student at the 31<sup>st</sup> annual business meeting and conference on Tire Science and Technology hosted by The Tire Society. The conference will be held at Cleveland International Exposition & Convention (I-X) Center, Cleveland, Ohio, USA on September 18 & 19, 2012. Please see the Society website for more information ([www.tiresociety.org](http://www.tiresociety.org)).

Requirements to be eligible for the award:

- The paper's principal and presenting author is a university student.
- A standard abstract, an extended abstract<sup>1</sup>, the presentation, and the manuscript are received by the Tire Society program chair on or before the appointed deadline dates.
- The paper is selected for presentation in the student award competition based on evaluation of the extended abstract by the panel of judges.

Typical areas for papers given at the conference are:

- Tire Performance Simulation / Mechanics
- Properties of Tire Materials
- Fracture and Adhesion in Tires
- Aging and Endurance of Tires
- Tire Design and Development
- Rolling Resistance / Traction / Tread Wear
- Tire Performance on Non-Dry / Deformable Surfaces
- Tire Influences on Ride / Harshness / Noise
- Tire Testing Procedure Development and Application
- Techniques for Model and Laboratory Test Validation
- Tire/Vehicle Dynamics
- Tire Interaction with Electronic Stability Control
- Tire requirements for future vehicles (e.g., fuel cell, hybrid)
- Applications of intelligent tire technology

Submission Instructions:

- Standard abstracts, manuscripts, and presentations are submitted electronically at:  
<http://rubber.confex.com/rubber/31ab/cfp.cgi>  
Within the "Comment to Organizer" students should note that the paper is a student paper.
- Extended abstracts must be submitted directly to the following email address:  
[studentpapers@tiresociety.org](mailto:studentpapers@tiresociety.org)  
Questions regarding submissions should be emailed to the above address.

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The Tire Society is a not-for-profit organization established to disseminate knowledge and stimulate scientific and engineering development in the science and technology of tires through seminars, technical meetings, and publication of its authoritative Journal, *Tire Science and Technology*.

<sup>1</sup>

An extended abstract is up to three pages allowing judgment of a paper's probable significance to the area of tire technology. It is used in the selection process for conference presentation. Example extended and standard abstracts for a paper by Marion G. Pottinger that was published in *Tire Science and Technology*, Volume 38, Number 1, are available on the Tire Society website at [http://www.tiresociety.org/pdf/extended\\_abstract\\_example.pdf](http://www.tiresociety.org/pdf/extended_abstract_example.pdf) and [http://www.tiresociety.org/pdf/standard\\_abstract\\_example.pdf](http://www.tiresociety.org/pdf/standard_abstract_example.pdf).