

# CALL FOR POSTERS

## **Durability of Polymers and Polymeric Composites: Current Challenges and Future Prospects**

Workshop Sponsored by National Science Foundation

which will be part of “Service Life Prediction of Polymeric Materials: Vision for the Future”  
Workshop Organized by NIST and Underwriters Laboratories

Monterey, California, March 6<sup>th</sup>, 2013

	PURPOSE AND SCOPE OF TOPIC	
--	----------------------------	--

This student poster symposium and competition is intended to open a forum to graduate student researchers working on analytical, numerical and experimental approaches focused on degradation and durability issues of polymers and polymer composites. Posters are invited, concerning all aspects of coupled mechanical and non-mechanical behavior at large, meso, micro and nano scales of polymers and polymer composite structures systems. Topics of interest include, but are not limited to:

- Combinations of polymers and polymer composite materials that allow multi-functional behavior
- State-of-the-art numerical approaches applied to polymers and polymer composites
- Time effects, non-mechanical behaviors (hygrothermal, electrical, magnetic), and physical properties at the macroscale/microscale/nanoscale

Prospective authors are invited to submit a 200 words abstract by **January 31st, 2013**, to co-organizer Dr. Valeria La Saponara, [ulasaponara@ucdavis.edu](mailto:ulasaponara@ucdavis.edu). The application should also include a short essay (300 words) about the student career plan for the future.

Travel of selected students will be supported by the National Science Foundation. A panel of workshop attendees will select the students whose travel will be supported, while a different panel will choose the 3 winners (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places) for the poster competition. The winners will be announced also on the National Science Foundation’s web site for this workshop.

Minorities and under-represented students are particularly encouraged to participate (if applicable, please add this information to the application).

*The NSF-sponsored student poster symposium is part of the “Service Life Prediction of Polymeric Materials: Vision for the Future” workshop organized by NIST and Underwriters Laboratories. Participants to the workshop include researchers from academia and industry from several countries.*

### **WORKSHOP CO-ORGANIZERS**

Dr. Anastasia Muliana  
Texas A&M University, USA  
[amuliana@neo.tamu.edu](mailto:amuliana@neo.tamu.edu)

Dr. Valeria La Saponara (Poster Symposium Organizer)  
University of California, Davis, USA  
[ulasaponara@ucdavis.edu](mailto:ulasaponara@ucdavis.edu)