



# CALL FOR PAPERS

## SEVENTH INTERNATIONAL SYMPOSIUM ON POLYMER SURFACE MODIFICATION: RELEVANCE TO ADHESION

To be held July 12-15, 2009; University of Maine  
Orono, Maine, USA

This symposium continues the tradition set by the first in the series entitled: "Polymer Surface Modification: Relevance to Adhesion" which was held in Las Vegas, NV, 1993. As with its predecessors, this symposium will be concerned with the technological areas where surface modification is a key technology which allows for the processing and manufacture of products which would otherwise be unobtainable.

We are indeed happy to announce that this the 7<sup>th</sup> symposium in the series will be organized in collaboration with Prof. Douglas Gardner in the Advanced Engineered Wood Composites Center at the University of Maine, Orono, Maine. Prof. Gardner is well acquainted with problems of polymer surface modification as applied to wood composites and is also serving on the editorial board of the Journal of Adhesion Science and Technology which is edited by the Conference Director Dr. Mittal.

Prof. Gardner has been an active researcher in the

field and he and his group look forward to hosting this symposium and greeting all participants from both academia and industry from all corners of the globe.

Proper adhesion characteristics are vital to the success of any practical implementation of polymer materials. Though polymers are generally not very adhesionable, careful surface modification can result in greatly improved adhesion without altering bulk properties. This symposium is organized to bring together scientists, technologists and engineers interested in all aspects of polymer surface modification, to review and assess the current state of knowledge, to provide a forum for exchange and cross-fertilization of ideas, and to define problem areas which need intensified efforts.

The invited speakers have been selected so as to represent widely differing disciplines and interests, and they hail from academic, governmental and industrial research laboratories. This meeting is planned to be a truly international event with participation from research groups from academia and industry worldwide.

### AMONG TOPICS TO BE COVERED ARE: SURFACE MODIFICATION TECHNIQUES

- ▶ Plasma, ultraviolet, corona, laser, ion beam, flame ...
- ▶ Mechanical roughening
- ▶ Monolayer deposition, grafting and wet chemical

### POLYMER SURFACE MODIFICATION FOR ADHESION IMPROVEMENT OF:

- ▶ Metal layers (metallized plastics)
- ▶ Organic coatings, inks, composites, adhesive joints, microorganisms

### APPLICATIONS AND SURFACE CHARACTERIZATION

- ▶ Packaging, composites, biological implants
- ▶ Microelectronics, aerospace, marine...
- ▶ All methods for characterization of surface chemistry and morphology, (ESCA, SIMS, AFM ...)

This symposium is being organized by MST Conferences under the direction of Dr. K. L. Mittal, Editor, Journal of Adhesion Science and Technology (JAST) and in collaboration with Prof. Douglas Gardner of the University of Maine, Orono. It is planned to publish the proceedings of this symposium in the Journal of Adhesion Science and Technology, edited by the conference chairman Dr. Mittal. Please notify the conference chairman of your intentions to present a paper as early as possible. An abstract of about 200 words should be sent by **March 15, 2009** to the conference chairman by any of the following methods:

E-mail: [rhl@mstconf.com](mailto:rhl@mstconf.com)  
FAX: 212-656-1016  
Regular mail:

Dr. Robert H. Lacombe  
Conference Chairman  
3 Hammer Drive  
Hopewell Junction, NY 12533

Contact by phone: 845-897-1654; 845-227-7026  
Full conference details and registration via the Internet will be maintained on our web site:

<http://mstconf.com/surfmod7.htm>

Or mail response form below to the conference chairman at the address above.

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I PLAN TO:

- ATTEND  
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