



CALL FOR PAPERS

SIXTH INTERNATIONAL SYMPOSIUM ON ***POLYMER SURFACE MODIFICATION:*** RELEVANCE TO ADHESION

**To be held June,11-13, 2007; University of Cincinnati
Cincinnati, Ohio, 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. It is also our distinct privilege to be able to hold the sixth symposium in the series in collaboration with Prof. Wim van Ooij and his group at the University of Cincinnati. Prof. van Ooij 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.

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 ...)

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 both in geographic coverage as well as in spirit.

This symposium is being organized by MST Conferences, LLC under the direction of Dr. K. L. Mittal, Editor, Journal of Adhesion Science and Technology (JAST) and in collaboration with Prof. Wim van Ooij of the University of Cincinnati. A proceedings volume is planned for this symposium and further details will be provided in due course. (manuscripts to be handled by 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 **January 30, 2007** to the conference chairman by any of the following methods:

E-mail: 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/surfmod6.htm>

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

SIXTH INTERNATIONAL SYMPOSIUM ON POLYMER SURFACE MODIFICATION

I PLAN TO:

- ATTEND
 PRESENT A PAPER

TENTATIVE TITLE: _____

NAME:	COUNTRY:
ADDRESS:	TELEPHONE:
	FAX:
	E-MAIL: