

CALL FOR PAPERS

ADVANCES IN SURFACE-MEDIATED TRANSFORMATION IN ENVIRONMENTAL SYSTEMS

Division of Environmental Chemistry
231st American Chemical Society (ACS) National Meeting
March 26 - 30, 2006
Atlanta, Georgia

Abiotic degradation of contaminants in natural and engineered environments frequently proceeds through interactions with various inorganic and/or organic solid surfaces. The surfaces, either natural or synthetic, may act as reactants or catalysts in the (photo)oxidative, (photo)reductive, or non-redox reactions of contaminants. These surface-mediated transformation processes can play a critical role in controlling the environmental fate of and remediation strategies for many contaminants.

This symposium particularly welcomes papers of oral or poster presentations that demonstrate improvements in our understanding of surface-mediated transformation reactions at the fundamental level. Possible topics include, but are not limited to, new discoveries and advances in the (i) understanding of reaction kinetics and mechanisms at solid surfaces, (ii) characterization of changing surface properties and reactivity over time, and (iii) novel tools and methodologies for studying surface-mediated reactions. Studies focusing on novel (nano)materials and emerging contaminants are particularly welcome. Interested presenters are encouraged to contact the symposium organizers regarding the suitability of their paper.

Presenters are required to submit a short abstract to the ACS by **November 15, 2005** using the ACS online system (OASYS) at <http://oasys.acs.org/>. This division also requires an extended abstract of two or more pages that must be submitted to the symposium organizers by **November 29, 2005** using the instructions posted on the web at <http://envirofacts.org>. To submit an extended abstract, please e-mail as attachment in MS Word or PDF file format to either of the organizers. Please label the abstract file with the ACS abstract number and first author's last name.

Symposium Organizers:

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