

CALL FOR PAPERS

Assessing Transformation Products by Non - Target and Suspected Target Screening: The New Frontier in Environmental Chemistry and Engineering

At 250th ACS National Meeting & Exposition

Boston, Massachusetts

August 16-20, 2015

Abstract Deadline: **March 16, 2015**

Session organizer: Jörg E. Drewes, Technische Universität München, Germany
Shane A. Snyder, The University of Arizona, USA

This session will address latest developments in research directed to understand the fate and relevance of transformation products from chemicals of emerging concern (such as pharmaceuticals, personal care products, household chemicals) associated with conventional and advanced chemical and biological water treatment processes (e.g., activated sludge systems; biofiltration; ozonation; UV/AOP; managed aquifer recharge). This requires analytical methods including non-target and suspected target screening to identify transformation products, data assessment tools, and examples how these tools can be used for a more comprehensive understanding of biological and chemical water and wastewater treatment processes employed to remove chemicals of emerging concern.

The topics that are of interest to this session are not limited to but might include:

- Non-target screening approaches for transformation products
- Suspected target screening approaches for transformation products and metabolites
- Polarity extended separations for the detection of polar CECs
- International monitoring standards and result harmonization
- Fate of transformation products during conventional and advanced water treatment processes
- Identifying transformation products of relevance in (surface) waters
- Data assessment strategies and normalization approaches

Please submit your abstracts using the ACS Meeting Abstracts Programming System (MAPS) at <http://maps.acs.org>. General information about the conference can be found at www.acs.org/meetings. Any other inquiries should be directed to the symposium organizers: John Doe, Ph.D.

Contact Information of Session Organizers:

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