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Pacifichem 2010

Announcing an upcoming symposium at Pacifichem 2010 in the Topic Area of *Environmental Chemistry.*

Free Radical Chemistry in the Environment (#73)

Organized by: William J. Cooper, Henrik Kjaergaard, Barrie M. Peake and T. David Waite

Symposium Committee: Christopher J. Cramer, Joseph S. Francisco, Bruce J. Mincher, Eric S. Saltzman, Douglas J. Tobias, Steve P. Mezyk, Bryant C. Nelson, Sergey Nizkorodov,

Free radical chemistry is now recognized as critical in atmospheric (homogeneous and heterogeneous), many biological processes, fate and transport of chemicals in the environment, treatment (destruction) processes in water, wastewater and water intended for reuse, and in some aspects of nanoparticles in the environment. In fact, at the fundamental level it is free radical chemistry that brings scientists from many disciplines together. A better understanding of this chemistry is applicable to many fields. One critical area that is still lacking is the computational aspects of the field and this will also be addressed. It may be that the newest area is that involving nanoparticles, their behavior and chemistry in natural and biological systems. This will round out the sessions at this proposed symposium. This symposium focuses on free radical processes in environmental chemistry, which include atmospheric processes, aqueous phase processes and treatment processes. A unique aspect of the symposium is that it attracts participants from various countries and disciplines and creates synergies between disciplines. We encourage students to present in either the oral or poster sessions.

Abstracts open January 1 to April 5, 2010; www.pacifichem.org/abstracts