

*Guide to
Poster Sessions*



*Collaborative Workshop in
Chemistry at Interfaces*

Ninth Annual Workshop

Surf and Sand Hotel

Laguna Beach, California

January 31 – February 1, 2013

<i>POSTER</i>	<i>PRESENTER</i>	<i>RESEARCH GROUP</i>	<i>POSTER TITLE</i>
1.	Matt Dawson, Jeff Ngarmboonta	Dabdub, Finlayson–Pitts	A Comprehensive Aerosol Dynamics Model for Evaluating Nucleation Mechanisms
2.	Christopher Dilbeck	Finlayson–Pitts	Oxidation of Phospholipids on Sea Salt Particle Models
3.	Lianne Devera, Enrico Tapavicza	Cooper, Furche	Photophysics and Photochemistry of Model Compounds for Natural Organic Matter
4.	Hanna Lignell	Gerber, Nizkorodov	Photochemistry of Aqueous and Gaseous cis–Pinonic Acid
5.	Mychel Varner	Gerber, Finlayson–Pitts	Nitrogen Dioxide Interaction with Water: From ab initio Calculations to Molecular Dynamics Simulations
6.	Mychel Varner	Gerber, Finlayson–Pitts	Reaction of the (NO ⁺)(NO ₃ ⁻) Ion Pair in Water Clusters and the Formation of HONO
7.	Jordan Vincent	Furche	Modeling Gas–Phase Carbonyl Photochemistry by Non–Adiabatic Dynamics Simulations
8.	Lisa Wingen, Geovani Montoya	Finlayson–Pitts	Concentrating Ambient Particles for Health Effects Studies: Examination of Size and Composition with an Aerosol Mass Spectrometer
9.	Krista Parry, Abraham Stern	Tobias	Molecular Dynamics Studies of the Concentration Dependence of Halide Anion Adsorption to the Air–Water Interface
10.	Barbara Cottrell	Cooper	Excited State Species of Natural Organic Matter: A Role for Particulate Organic Matter?
11.	Noriko Nishino, Abraham Stern	Tobias, Finlayson–Pitts	Interactions of Gaseous HNO ₃ with Self–Assembled Monolayers at Various Relative Humidities at Room Temperature
12.	Michael MacKinnon	Brouwer	Air Quality Impacts of Greenhouse Gas Mitigation Strategies
13.	Marc Carreras–Sospedra	Dabdub, Blake	Emission Estimates of HCFCs and HFCs in California from the 2010 CalNex Study
14.	Julie Lee	Nizkorodov	Fluorescence and Photobleaching of Secondary Brown Carbon
15.	Christopher Holmes	Prather	Atmospheric Methane Lifetime 1980–2100: Trends, Variability, and Global Warming Potential