

Clathrates Symposium

As of 8/4/2008

Presentation Titles

Brian	Anderson	The Role of Molecular-Level Modelin in Natural Gas Hydrate Studies
Zlatko	Bacic	Quantum Dynamics of Coupled Translational and Rotational Motions of Hydrogen Molecules in the Small and Large Cages of the Structure II Clathrate Hydrate
Margarita I.	Bernal-Uruchurtu	The Infancy of Halogen Clathrates: Some Structural and Dynamic Aspects of Halogen-Water Clusters
Victoria	Buch	Simulations of Transport and Spectroscopic Properties of Clathrate Hydrates
Paul	Devlin	Rates of Guest-Molecule-Catalyzed Clathrate-Hydrate Low-Temperature Transformations
Nadine	Halberstadt	Halogen-Water Clusters: Intermolecular Potentials and Spectroscopic Properties (joint w/Ramon Hernandez)
Ramon	Hernandez	Halogen-Water Clusters: Intermolecular Potentials and Spectroscopic Properties (Join w/Nadine Halberstadt)
Keith	Hester	Microscopic Studies of Clathrate Hydrates: Both on the Seafloor and in the Laboratory
Ken	Janda	Spectroscopy and Dynamics of Halogen Clathrate Hydrates
Hao	Jiang	Computational Studies of the Anomalous Thermal Conductivities of Hydrates
Camille	Jones	Quasielastic Neutron Scattering Studies of Guest Dynamics in Structure II Clathrate Hydrates
Ken	Jordan	What are the Challenges in the Simulation of Water, Ice, and Hydrates?
Carolyn	Koh	Hydrate Formation, Inhibition, and Decomposition Studies Using Spectroscopic, Diffraction, and Calorimetric Measurements
Werner	Kuhs	Molecular Aspects of Gas Hydrate Surfaces and Mesoscopic Instabilities
Peter	Kusalik	Explorations of the Crystal Growth of Gas Hydrates
Eugene	Myshakin	Theoretical Studies of Methane Hydrate Formation and Decomposition
Melissa	Prado	Storage of Propane and Methane in Hydrates
Daniel	Schofield	Theoretical Studies of Halogen Hydrates
E. Dendy	Sloan	Summary of August 2007 Report to Congress: Four Critical Needs to Change the Hydrates in Nature Paradigm from Assessment to Production
Tim	Strobel	Raman Spectroscopic Measurements of Hydrogen Clathrate Hydrates

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John	Tse	Recent Studies in the Dynamical and Thermal Properties of Clathrate Hydrates
Feng	Wang	Adaptive Force Matching: A Systematic Way to Create High Quality Force Field in Condensed Phase
Bob	Warzinski	Hydrate Research at NETL and the Potential Role of Molecular Simulation