



Telluride Science Research Center

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Many-Body Interactions: From Quantum Mechanics to Force Fields

06/14/2010 - 06/18/2010

<http://www.pitt.edu/~jordan/telluride/manybody2010.html>

Kenneth Jordan (ken@visual1.chem.pitt.edu)
Jean-Philp Piquemal (jpp@lct.jussieu.fr)
John Klepeis (klepeisj@deshaw.com)

Meeting Description:

This workshop was supported in part by the Center for Simulation and Modeling, Univ. of Pittsburgh (www.sam.pitt.edu)

Simulations of complex materials and chemical and biological systems requires the use of model potentials (force fields). As a consequence, the results of the simulations are "only as good as the force field employed." In principle, high-level electronic structure calculations on appropriate model systems can provide the information needed for generating accurate force fields. This workshop brings together researchers with expertise in force field development and those with expertise in electronic structure methods.

Meeting Venue:

Telluride Intermediate School
725 West Colorado Telluride CO 81435

Registered Meeting Participants:

<i>Participant</i>	<i>Organization</i>	<i>Email</i>	<i>Arrival Information</i>	<i>Departure Information</i>	<i>Interested in Sharing Transportation?</i>
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Testimonials						
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Best of TSRC Stories						
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TSRC is dedicated to being an environmentally sustainable organization.

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