

MSC 2012 Research Conference

Materials and Process Simulation Center (MSC)
California Institute of Technology, Pasadena California

Thursday and Friday, March 29-30, 2012

Co-sponsored by: Caltech Office of Corporate and Institute Relations

The MSC research conference is held annually to inform the industrial and government sponsors about the progress made at the MSC each year.

The mission of the MSC is to develop first-principles methods for describing the structures and properties of chemical, biological, and materials systems and to apply them to *de novo* design of industrial catalysts, drugs, nanoscale materials, and processes using a multiscale hierarchy based on quantum, atomistic, mesoscale, and continuum simulations. The 2012 program has not been planned but it will have a coverage similarly to 2011,

Thursday March 29:

- A biotechnology morning and afternoon
- B. Frontiers Quantum Mechanics afternoon
- C Banquet talk. Sadasivan Shankar of Intel evening

Friday March 30:

- D Catalysis, morning
- E fuel Cells, Batteries, morning
- F. Environmental, afternoon
- G Multiscale/Nanotechnology, afternoon
- H energetic materials, afternoon

Registration Fee: \$200, Meals&breaks Fee: \$100 To register, go to:

<http://citrix1.wag.caltech.edu>

Registration is free for MSC Participants and Associates, MSC Government Sponsors, PEER Associates, Caltech Corporate Associates. Caltech faculty and students

MSC Industrial Participants: Chevron, Dow-Chemical, Dow Corning, Ford, Samsung, Sanofi-Aventis, KRICT

MSC Federal Funding: ARO, DARPA, DOE, NIH, NSF, ONR.

To encourage new companies to interact with the MSC and with Caltech, Caltech Corporate Relations will subsidize the registration for up to two participants from each company. If you want to take advantage of this indicate so on the registration (contact eabbott@caltech.edu if you have questions)

Contact: Professor William A. Goddard, III, Director; Phone (626)-395-2731; email: wag@wag.caltech.edu

MSC 2012 Research Conference

Friday AM March 25

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