

# International Center for Materials Research UNIVERSITY OF CALIFORNIA SANTA BARBARA

## ICMR Summer School

*Materials in 3 D: Modeling and Imaging at Multiple Length Scales*

August 18 to 30, 2013, University of California, Santa Barbara

This summer school is for advanced graduate students, post-doctoral fellows, and early career faculty in Materials Science and Engineering and allied disciplines with an interest in understanding the structure and behavior of complex inorganic and alloy materials across multiple length scales. In recent years, our ability to model complex materials at multiple length scales has advanced significantly. Driven in part by this growth in the ability to model and understand, experimental techniques for imaging materials across multiple length scales, and in 3D has also rapidly advanced. The first week of the school will be dedicated to advances in experimental techniques for imaging materials, and the second week to a survey of the modeling of materials across multiple length scales.

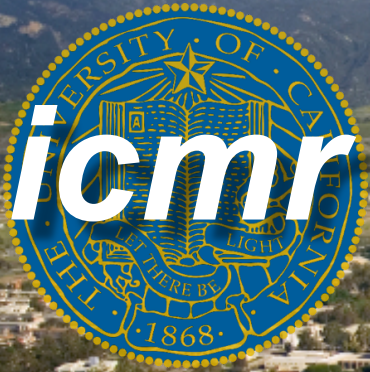
Application deadline: May 30<sup>th</sup> 2013. *Please see*

<http://www.icmr.ucsb.edu>

### Organizers:

Tresa Pollock <pollock@engineering.ucsb.edu>

Ram Seshadri <seshadri@mrl.ucsb.edu>



*Materials in 3 D: Modeling and Imaging at Multiple Length Scales*  
List of speakers (subject to change)

Samantha Daly (University of Michigan)  
Marc De Graef (Carnegie-Mellon)  
Mclean Echlin (UCSB)  
Daniel Gianola (University of Pennsylvania)  
Michael Jackson (BlueQuartz Software)  
Michelle Johannes (Naval Research Laboratory)  
Satoshi Hata (Kyushu)  
Richard Lesar (Iowa State)  
Peter Lee (Manchester)  
Emmanuelle Marquis (Michigan)  
Jianwei (John) Miao (UCLA)  
Matthew Miller (Cornell)  
Michael Mills (Ohio State)  
Baron Peters (UCSB)  
James Rondinelli (Drexel)  
Anton Van der Ven (UCSB)  
Peter Voorhees (Northwestern)  
Yunzhi Wang (Ohio State)  
Stuart Wright (Ametek)