



# 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.

*Save the dates: Please monitor*

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

*for updates, including application details and lecturers*

### **Organizers:**

Tresa Pollock <pollock@engineering.ucsb.edu>

Ram Seshadri <seshadri@mrl.ucsb.edu>

Supported by the National Science Foundation