Summer School on Computational Materials Science Across Scales

College Station, Texas, USA

June 2-11, 2014

The 3rd IIMEC School on Computational Materials Science will take place on the Texas A&M University campus in College Station, Texas. The school is organized by the International Institute on Multifunctional Materials for Energy Conversion (IIMEC) and participating US institutions (Texas A&M University, University of Houston, Penn State) as well as international partners. (Lectures from previous schools can be found at http://iimec.tamu.edu/ under the IIMEC Outreach tab.)

Purpose: To provide a platform for knowledge exchange and for academics as well as training for graduate students interested in the area of Computational Materials Science across multiple scales of space and time.

Objectives: At the end of this course, attendees should have a thorough overview of some of the most important tools currently in use to investigate materials phenomena at multiple scales, ranging from the continuum to the electronic structure level.

Structure: The School is organized in thematic sessions focused on different computational techniques. The themes will be organized in a top-down manner, starting with simulation tools at the continuum level, and finalizing the course with an overview of techniques that investigate materials at the electronic structure levels.

The course duration will be 10 days. Morning sessions will consist of an overview of the method, with the afternoon sessions dedicated to hands-on computational laboratory activities.

Who should attend: The course should appeal to graduate students in the broader field of materials science with an interest in learning more about computational materials science.

Financial Support: A limited number of fellowships will be made available to qualified applicants, as follows:

International participants: flight up to $1,500, accommodations booked by the IIMEC, and registration fee.

Domestic non-TAMU participants: flight up to $500, accommodations booked by the IIMEC, and registration fee.

Domestic TAMU participants: registration fee.

Registration Fee: $500.00 (Registration fee will cover teaching materials, lunch on class days, refreshments, a banquet, and out of classroom activities).

Contact Information:

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Application

Applicant's Full Name:

Applicant's Email Address:

Applicant's Affiliation:

Applicant Status: MS ___ PhD ___ Post Doc ___

1. **Area of Research:**

2. **Expected Outcome:**

Attach two reference letters with application.

Email completed application and reference letters to breid@tamu.edu.

Deadline for International applications *no later April 7, 2014.*

Deadline for Domestic applications *no later than April 15, 2014.*

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