



CALL FOR PAPERS 2013 SUMMER BIOENGINEERING CONFERENCE Sunriver, Oregon, June 26-29, 2013

The Bioengineering Division of the American Society of Mechanical Engineering cordially invites you to attend the 2013 Summer Bioengineering Conference. An outstanding scientific program is planned, including Plenary Lectures, Symposia, Workshops, and Student Paper Competitions. This year, the theme for our conference will be **Translational Research**. Becky Bergman of Medtronic, Inc. will be the keynote speaker. Ms. Bergman is the Vice President of New Therapies and Diagnostics for Cardiac Rhythm Disease Management. Ms. Bergman has more than 24 years of experience in the medical technology industry and has served on the advisory committee for the NIBIB. She is a fellow of the American Institute for Medical and Biological Engineering (AIMBE) and a member of the National Academy of Engineering (NAE). Ms. Bergman will speak about the successful partnerships formed between academicians and industry that have helped translate technology to clinical use. In addition, there will be a workshop on Translational Research funding with representatives from NIH NIBIB and NSF Bioengineering SBIR/STTR programs.

Both oral and poster sessions will be presented in the spectacular setting of the foothills of the Cascade Mountains in Oregon. A 2-Day Abaqus course will also be offered at Sunriver prior to the start of the conference. Course details will be made available on the SBC conference website. The Sunriver Resort known for its natural beauty lies in the shadow of Mt. Bachelor along the Deschutes River in the Deschutes National Forest. The resort offers onsite canoeing and kayaking, fishing, mtn. biking along 36 miles of trails, horseback riding and golfing in addition to restaurants and bars (<http://www.sunriver-resort.com/>).

Student Paper Competition: Abstracts are solicited for consideration in the **student paper competition at the levels of BS, MS and PhD**. Students at the BS and MS levels that are selected as finalists for the competition will present their work in poster sessions. For the PhD Student Paper Competition, there will be 6 parallel podium sessions where the 36 highest scoring abstracts will be presented. The remaining abstracts submitted to the PhD competition will be considered for the general program, either podium or poster presentation. Cash awards will be made to the top papers at each level in multiple technical areas. All finalists must be present at the conference for consideration in the competition. Further information and instructions for the submission process are available at conference website.

The Bioengineering Division is also hosting an **undergraduate design competition** with a focus on rehabilitation and assistive devices. This competition is particularly well suited for students enrolled in a senior design course, but it is also open to undergraduates at any level. Interested teams are encouraged to enter their intent to submit a proposal by January 11, 2013. Monetary awards for the six finalist teams are planned to help defray project costs and travel expenses to the conference, based on availability of funding. Travel Awards for students with disabilities are available. Please see website for details regarding criteria.

Submission of abstracts in all areas of Bioengineering and Biomechanics are invited.

Submission instructions and conference details may be found at: <http://www.asmeconferences.org/SBC2013>

A detailed listing of themes and sub-themes may be found at: <http://www.asmeconferences.org/SBC2013/TechnicalTracks.cfm>

Important Dates: January 11, 2013 Submission of two-page abstracts (including Student Competitions)
 March 15, 2013 Notification of Authors

Conference Chair:

Charles Lee, Ph.D.
University of North Carolina Charlotte

Program Chair:

Ram Devireddy, Ph.D.
Louisiana State University

