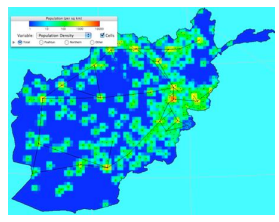
SIAM

Society for Industrial and Applied Mathematics



9th Front Range Applied Mathematics (FRAM) Student Conference

University of Colorado - Denver

Saturday, March 2nd, 2013

Sponsors: The SIAM Student Chapters at
University of Colorado: Boulder, Colorado Springs and Denver campuses
Colorado School of Mines and Colorado State University

The Front Range SIAM Student Chapters are sponsoring the 9th Annual Applied Mathematics Regional Student Conference. This event allows students from all universities along the Front Range to learn about new developments in Applied Mathematics and promotes interest in the field. The conference is open to *both* undergraduate and graduate students.

Registration Information

We are requesting a $10 donation per person to help defray the cost of the breakfast and lunch that will be provided at the conference. To register before the day of the conference, please send the name of the conference attendee and their university affiliation along with a check made out to Dr. Lynn Bennethum (also write "UCD SIAM" on the check) to:

Dr. Lynn Bennethum
Department of Mathematics and Statistical Sciences
University of Colorado Denver
1250 14th St., Suite 600
Denver, CO 80217-3364

Call for Presentations

There will be 20-minute student presentations. A special MCM/ICM session will also be organized. Please send abstracts in LaTeX (.tex) or plain text (.txt) format to FRAMSC.abstracts@gmail.com. For more info, please check the conference website or contact the organizers. *Abstract submission deadline is Friday, Feb 22th, 2013.*

Plenary Speaker

Dr. Loren Cobb

Department of Mathematical and Statistical Sciences and Department of Sociology, University of Colorado Denver

Mathematics of Society and its Dysfunctions

Social problems are not the traditional domain of applied mathematics, yet remarkable progress is being made, mostly by physicists. Even most mathematicians are unaware of the impending explosion of new ideas and new mathematics for the social sciences. As recently as 25 years ago this endeavor simply did not exist. Over the past 20 years I have worked as a free-lance applied mathematician with a dozen different countries on their toughest social problems: economic (poverty, underground economies), criminal (drug trafficking, juvenile gangs), political (corruption, ethnic relations, reform of the police), and demographic (refugees, migration, population growth). In every case there has been wonderful mathematics to be discovered, and nontrivial questions of stability and change to ponder. This is a field in its infancy, where new ideas are welcomed like water for a man dying of thirst.

Contact Information

University of Colorado-Boulder:
Dr. Anne Dougherty, SIAM Faculty Advisor (Undergraduate Chapter), Anne.Dougherty@colorado.edu
Dr. Tom Manteuffel, SIAM Faculty Advisor (Graduate Chapter), tmanteuf@colorado.edu

University of Colorado-Colorado Springs
Dr. Gregory Morrow, SIAM Faculty Advisor, gmorrow@uccs.edu

University of Colorado-Denver
Dr. Lynn Bennethum, SIAM Faculty Advisor, Lynn.Bennethum@ucdenver.edu

Conference Website:
http://amath.colorado.edu/cmsms/index.php?page=conference