About the conference

The Front Range SIAM Student Chapters are sponsoring the 3rd Annual Applied Mathematics Regional Student Conference. This event will allow students from all universities along the Front Range to learn about new developments in Applied Mathematics and promote interest in the field. The conference encourages attendance of both undergraduates and graduate students.

SIAM Student Chapters

Several universities in Colorado host active SIAM Student chapters, with the mission to promote applied mathematics and computational science and to encourage young mathematicians to pursue these fields. Student chapters provide opportunities to share ideas, learn about careers in applied and computational mathematics, and develop networks with faculty and fellow students.

Schedule of Events

The conference is scheduled for Saturday, March 3rd, 2007, between 8:30am and 3:30pm. Events will include a plenary address, parallel paper presentations and a poster session.

Schedule:

8:30-9:00 am	Registration and Breakfast
9:00-10:30 am	Parallel Sessions
10:45-12:00 pm	Plenary Address
12:00 – 1:00 pm	Lunch and Poster Session
1:00-3:30 pm	Parallel Sessions

Contact Information

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Conference Web site:
http://amath.colorado.edu/siam/conference/

Plenary Speaker

Dr. Leslie Greengard, New York University

Dr. Leslie Greengard received his B.A. in mathematics from Wesleyan University in 1979, his Ph.D. in computer science from Yale University in 1987, and his M.D. from Yale University in 1987. From 1987–89 he was a NSF Postdoctoral Fellow at Yale University in the Department of Computer Science. He is presently professor of mathematics and the Director of the Courant Institute of New York University. Much of his work has been in the development of "analysis-based" fast algorithms such as the Fast Multipole Method for gravitation and electromagnetics and the Fast Gauss Transform for diffusion. Among the many awards he received for his work is the 2001 Steele Prize in Mathematics.

The title of his plenary lecture is "The Nonuniform FFT and Magnetic Resonance Image Reconstruction"

Registration Information

We are requesting a $5 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 the "University of Colorado" (also write "donation to APPM" on the check) to:

**Undergraduate SIAM Student Chapter
Department of Applied Mathematics
526 UCB
University of Colorado at Boulder
Boulder, CO 80309-0526**

If your university has multiple attendees please feel free to submit one check with the registration fees along with a list of the attendees. We strongly encourage registering before the conference date. Registration will also be available the day of the conference.

Call for Presentations

All students (both undergraduate and graduate) are invited to submit abstracts on any research topic in Applied Mathematics. Abstracts should include:

- Title of work to be presented,
- Author's name,
- The university the author is currently attending,
- Names of any advisors or other collaborators,
- An extended description of the research to be presented (of length no greater than 500 words).

Talks: All presentations are 20 minutes in length, followed by 5 minutes for questions/set-up of the next speaker

Posters: Please indicate whether you wish to give a presentation or a poster.

The deadline for abstract submission is Monday, **Feb 26th, 2007**.

Please send abstracts in any appropriate format (PDF, text file, word doc, etc.) to: *Christian Ketelsen (christian.ketelsen@colorado.edu).*

SIAM
Society for Industrial and Applied Mathematics

3rd Front Range Applied Mathematics Student Conference

University of Colorado at Denver

Saturday March 3rd, 2007