Spring 2006 Schedule

Dates	Speaker	Title
February 3	Diogo Camacho	Inferring biological networks from time series data
February 14	Alan Veliz-Cuba	Number of cycles of Boolean Dynamical Systems
March 3	Manjula Iyer	SHEPPACK: Multivariate Interpolation for large sets of scattered data using the modified Shepard algorithm
March 14	Tirtha Timsina	Parameter estimation in option price modeling
March 31	Xiaoming He	Splitting extrapolation method for finite elements
April 14	Paola Vera-Licona	An optimization algorithm for the identification of biochemical network models
April 26	Kening Wang (University of South Carolina, Columbia)	Domain decomposition algorithms for C^0 interior penalty methods for fourth order problems

SIAM Student Chapter at Virginia Tech
460 McBryde Hall 0123
Blacksburg, VA 24061

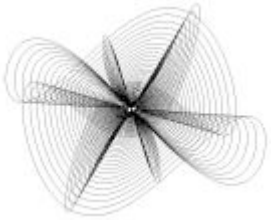
Society for Industrial and Applied Mathematics

Science and Industry Advance with Mathematics

SIAM Student Chapter of Virginia Tech

The Department of Mathematics

Virginia Polytechnic Institute and State University



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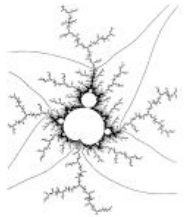


Introduction

The SIAM (Society of Industrial and Applied Mathematics) Student Chapter at Virginia Tech aims to create a forum for the exchange of research ideas among graduate and undergraduate mathematics students from VT and neighboring universities.

This year we will focus on the development of a lasting graduate research seminar, in which graduate and upper-level undergraduate students will present current research involving mathematics. We will also invite graduate students from area universities (e.g. NCSU, GMU, ETSU, and WVU) to present their work and provide such visitors with travel support (travel, lodging and *per diem*). We also plan to have a special faculty guest, as part of a joint activity with the Mathematics Department, ICAM and VBI.

To encourage local students to participate in the research seminar, each semester we will honor one VT seminar speaker with an award of a gift certificate for the purchase of books, membership dues, conference registrations, or journal subscriptions.

We will incorporate travel to regional professional meetings and coordinate field trips to research laboratories.

2006 Activities

- Social event on August 26, 2005, with the objective of introducing the student chapter to mathematics related students
- Biweekly Student Research Seminar (six in the Fall, seven in the Spring)
- Visitors Program, in which we invite students from other universities. Faculty visitors will be included this year
- Awards Program, in which we honor one VT speaker with an award each semester

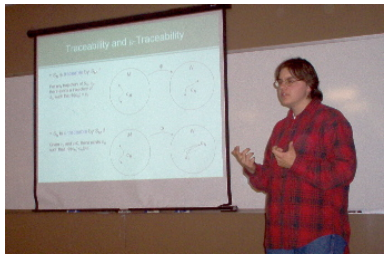
Biweekly Student Research Seminar

One of our most important activities each year is the biweekly student seminar.

Graduate students present their research to a peer audience following a brief reflection on their academic/ professional experience.

This is a good opportunity for first-time speakers to hone their skills.

Lunch will be provided at each session.



Patricia Mellodge, outstanding speaker for the Fall 2005 seminar series

How to become a member, benefits of membership

Any VT student is eligible to be a member of the SIAM Student Chapter at VT.

Student members of the chapter will receive free student memberships of SIAM.

Visit our website:

http://www.siamsc.org.vt.edu

You can find here more information about the chapter: detailed calendar of activities, how to become a member and its benefits and much more!