

2008 SIAM Annual Meeting

Diversity Workshop

Wednesday, July 9th

08:30 am – 09:15 am	Topical Speaker: Randall LeVeque
09:15 am – 10:00 am	Topical Speaker: Cecile Penland
10:00 am – 10:30 am	Coffee break
10:30 am – 12:30 pm	Graduate Student Research Presentations I: This session will highlight results of graduate student research. Speakers will present work addressing applications to epidemiology, material science, physiology and probability.
10:30 – 11:00	Malaria Model In Periodic Environments <i>Bassidy Dembele</i> , Howard University
11:00 – 11:30	Corrector Theory for the Homogenization of Nonlinear Composite Materials <i>Silvia Jimenez Bolanos</i> , Louisiana State University
11:30 – 12:00	A Simple, Generic, and Physiologically Significant Model for the Pacemaker Dynamics of Cardiac Cells <i>Marco Herrera</i> , University of Arizona
12:00 – 12:30	Quantifying Uncertainty in the Estimation of Probability Distributions on Parameters <i>Jimena Davis</i> , North Carolina State University
12:30 pm – 02:00 pm	DW Luncheon
02:00 pm – 02:45 pm	Past President's Address: Martin Golubitsky
03:00 pm – 03:30 pm	W. T. and Idalia Reid Prize in Mathematics Lecture: Max Gunzburger
03:30 pm – 04:00 pm	Coffee break
04:00 pm – 05:00 pm	Graduate Student Research Presentations II: This session will highlight results of graduate student research. Speakers will present work addressing applications to network vulnerabilities, evolutionary ecology, and internet traffic flow.
04:00 – 04:25	Traffic flow model of the Internet <i>James Gatewood</i> , Rensselaer Polytechnic Institute
04:25 – 04:50	Emergence of Coexistence from Competition in an Evolutionary Game <i>Rosalyn Rael</i> , University of Arizona
04:50 – 05:15	Detecting Network Vulnerabilities Through Discrete Graph Methods Luis de la Torre, Northwestern University
05:15 pm – 06:00 pm	Panel Discussion: Summer Research and Fellowship Opportunities
06:15 pm – 07:15 pm	I. E. Block Community Lecture: Daniel Rockmore
07:15 pm – 08:15 pm	Community Reception
08:15 pm – 09:30 pm	Diversity Workshop pizza dinner and free expression