

2006 SIAM Annual Meeting, Boston, MA Graduate Student Workshop on Diversity

Organizers:

Carlos Castillo-Chavez, Arizona State University

Ricardo Cortez, Tulane University

Abdul-Aziz Yakubu, Howard University

This annual event provides a chance for students to listen to technical talks presented by minority graduate students. The workshop is intended to accomplish several goals:

- To send a clear, explicit message of enthusiastic welcome and support from SIAM to members of under-represented groups. The workshop is deliberately held as part of a regular SIAM meeting so that the participants can combine the experiences of attending a regular scientific meeting and a special occasion dedicated to them.
- To bring together a mixture of people from different levels of age and professional experience, ranging from undergraduate students to senior scientists.
- To provide an opportunity for minority graduate students to present their research.
- To provide an informal, comfortable setting (a lunch) where all the students can meet applied and computational mathematicians who hold a wide variety of positions in academia, national laboratories, industry, and government.

Look for the “SIAM-DW” designation throughout the program. These sessions are shared with the Graduate Student Workshop on Diversity (DW).

Graduate Student Workshop on Diversity (DW)

Tuesday, July 11

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| 10:30 AM – 12:30 PM | MS17 SIAM-DW: Applications of Dynamical Systems in Biology - Part I of IV
(Berkeley – Mezzanine Level) |
| 4:00 PM – 6:00 PM | MS25 SIAM-DW: Applications of Dynamical Systems in Biology - Part II of IV
(Berkeley – Mezzanine Level) |
| 8:00 PM - 10:00 PM | Poster Session and Dessert Reception**
(Plaza Ballroom – Mezzanine Level) |

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Wednesday, July 12

9:15 AM - 10:00 AM

IP4 Iain Couzin, University of Oxford, United Kingdom**
(*Imperial Ballroom – Mezzanine Level*)

10:00 AM - 10:30 AM

Coffee Break (*Plaza Ballroom – Mezzanine Level*)

10:30 AM - 12:30 PM

Concurrent Sessions

DW Graduate Student Minisymposium Part I of II

(*Clarendon – Mezzanine Level*)

For more than ten years, SIAM has actively supported the participation of student members of underrepresented groups in its annual meeting. As part of the Diversity Workshop, this minisymposium showcases presentations by talented graduate students who discuss their own research as part of their graduate training. Historically, DW participants have later become active SIAM members. The following graduate students are scheduled to present:

10:30-10:55 Daniel Wiley, Cornell University

11:00-11:25 Irene Moshesh, Howard University

11:30-11:55 Omayra Ortega, University of Iowa

12:00-12:25 Edward Castillo, Rice University

MS37 SIAM-DW: Applications of Dynamical Systems in Biology - Part III of IV
(*Berkeley – Mezzanine Level*)

MS45 SIAM-DW: The Mathematical and Statistical Applications to Epidemiology and Public Health - Part I of IV**
(*Whittier – Conference Center Level*)

12:30 PM - 2:00 PM

DW Luncheon (*Terrace – Lower Lobby Level*)

2:00 PM - 2:45 PM

Concurrent Sessions

IC1 Edriss S. Titi, University of California, Irvine and Weizmann Institute of Science, Israel**
(*Imperial Ballroom – Mezzanine Level*)

IC2 SIAM-DW: Fractional Diffusion: Analytic, Geometric and Probabilistic Properties

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Rodrigo Bañuelos, Purdue University ** (*Stanbro – Mezzanine Level*)

Wednesday, July 12 (*continued*)

2:45 PM - 3:00 PM

Intermission

3:00 PM - 3:30 PM

Julian Cole Lecture, Michael J. Shelley, Courant Institute of Mathematical Sciences, New York University** (*Imperial Ballroom – Mezzanine Level*)

3:30 PM - 4:00 PM

Coffee Break (*Plaza Ballroom – Mezzanine Level*)

4:00 PM – 6:00 PM

Concurrent Sessions

DW Graduate Student Minisymposium Part II of II – (4:00 - 5:00 PM)
(*Clarendon – Mezzanine Level*)

4:00-4:25 Edgar Lobaton, UC, Berkeley

4:30-4:55 Abdul Rahman, Howard University

Career Workshop Session – (5:00- 06:00 PM)
(*Clarendon – Mezzanine Level*)

A panel of 4 minority post doc/faculty who received their Ph.D.'s in recent years share their views on the process of interviewing for first jobs, writing grant proposals, postdoctoral experiences, preparing for tenure, etc.
(Panelists To Be Announced)

MS47 SIAM-DW: Applications of Dynamical Systems in Biology - Part IV of IV
(*Berkeley – Mezzanine Level*)

MS56 SIAM-DW: The Mathematical and Statistical Applications to Epidemiology and Public Health - Part II of IV**
(*Room: Whittier – Conference Center Level*)

6:15 PM - 7:15 PM

I. E. Block Community Lecture**
Simon Levin, Princeton University (*Off Property – The Castle*)

7:15 PM - 8:15 PM

Community Reception** (*Off Property – The Castle*)

8:15 PM - 9:15 PM

DW Pizza Dinner and Free Expression (*Terrace – Lower Lobby Level*)

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Thursday July 13, 2006

9:15 AM - 10:00 AM

IP6 SIAM-DW: Innovation, National Security, and the Quiet Crisis
Shirley Jackson, Rensselaer Polytechnic Institute**
(Imperial Ballroom – Mezzanine Level)

10:30 AM - 12:30 AM

Concurrent Sessions**

MS60 SIAM-DW: Diversity in Mathematics, Science and Engineering
(Imperial Ballroom – Mezzanine Level)

MS65 SIAM-DW: The Mathematical and Statistical Applications to
Epidemiology and Public Health - Part III of IV
(Cambridge – Conference Center Level)

4:00 PM – 6:00 PM

Concurrent Sessions**

MS77 The Mathematical and Statistical Applications to Epidemiology and Public
Health - Part IV of IV *(Cambridge – Conference Center Level)*

** Part of the 2006 Annual Meeting schedule.