SIAM / IMA Special Workshop

Careers and Opportunities in Industry for Mathematical Scientists

Organizers:
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William Kolata (SIAM)  Bogdan Vernescu (Worcester Polytechnic Institute)

Program Description:
The target audience for this workshop consists of faculty members, postdocs, and students who are interested in exploring careers in and opportunities for collaborating with industry. By bringing together academic faculty, postdocs, and students with industrial mathematicians and human resources personnel, the workshop aims to inform academic representatives about industrial opportunities and prepare junior representatives for careers in industry.

Industrial representatives will share their experiences with faculty about working in and with industry as well as some anecdotes from their work and careers. Postdocs and students will be informed about industry and the skills needed (beyond mathematical prowess) to make one effective in industry. The characteristics of programs that successfully place students in industry will also be discussed.

Industrial and academic participants will all gather for two days; students and postdocs will stay for an additional day to work with human resources personnel for guidance on resume preparation, the interview process, communicating one's results, and networking.

Live video streaming will be available during the workshop and recorded lectures will be available thereafter.

Speakers:
Robert Almgren (Quantitative Brokers)
Bilgin Altundas (Schlumberger-Doll)
Olus Boratav (Corning Incorporated)
Marina Brockway (VivaQuant)
William Browning (Applied Mathematics, Inc.)
Robert Calderbank (Duke University)
Joaquin Carbonara (Buffalo State-SUNY)
Paolo Codenotti (Google Inc)
Carlos Corrales (Baxter Healthcare)
Thomas Grandine (The Boeing Company)
Jeffrey Hoffstein (Brown University)
Clas Jacobson (United Technologies Corporation)
Marita Johnson (Honeywell)
Janet Keel (Target Corporation)
William Kolata (SIAM)
Devadatta Kulkarni (Tata Consultancy Services)
Laura Lurati (The Boeing Company)
Catherine Micek (WindLogics)
Anthony Sabelli (3M)
John Sabino (The Boeing Company)
Jeffrey Saltzman (AstraZeneca)
Fadil Santosa (University of Minnesota)
Richard Sharp (Microsoft)
Peter Shea (Black River Systems)
Mark Sorenson-Wagner (University of Minnesota)
Daniel Spinn (University of Minnesota)
Andrew Stein (Novartis Institute for Biomedical Research)
Sumanth Swaminathan (W.L. Gore & Associates)
William Symes (Rice University)
Michael Tsimis (Siemens)
Lalitha Venkataramanan (Schlumberger-Doll)
Bogdan Vernescu (Worcester Polytechnic Institute)
Eric Voth (St. Jude Medical)
Jian-Ming Xu (IBM)