IMA New Directions Short Course

Topics in Control Theory

Organizer:
Tryphon Georgiou (University of Minnesota)

Description:
The IMA is currently accepting applications for its New Directions Short Course, entitled Topics in Control Theory. This is an excellent opportunity to catch up with a rapidly developing field. The intensive three-week course will offer participants the opportunity to delve more deeply into recent research, learn about open problems, and meet potential collaborators in an engaging, stimulating environment.

The course meets daily over a three-week period and consists of lectures, given by the main organizers and experts in the field, as well as problem sessions. Topics will include optimization and control, distributed optimization and control, and optimal mass transport and distributed systems. These topics involve quite substantial mathematics and are appropriate for mathematicians interested in pursuing research in control theory. These and other topics will be explored more deeply during the IMA 2015–2016 Annual Thematic Program on Control Theory and its Applications.

Please note that participants must apply for at least two contiguous weeks of participation.

Speakers:
A. Stephen Morse (Yale University)
Angelia Nedich (University of Illinois at Urbana-Champaign)
Pablo Parrilo (Massachusetts Institute of Technology)
Svetlozar Rachev (Stony Brook University)
Ben Recht (University of Wisconsin, Madison)
Allen Tannenbaum (Stony Brook University)

To see a full list of upcoming short courses and to apply online visit www.ima.umn.edu/new-directions