

# The Power, Beauty and Excitement of a Field that Spans Mathematics and Engineering

This workshop is held in conjunction with the 2008 American Control Conference

Open to all participants of ACC 2008



5:00 -9:00 pm, Tuesday, June 10, 2008

Cascade IB Room, The Westin Seattle, Seattle, WA

## Organizers:

Technical Committee on Control Education of the IEEE Control Systems Society (CSS)

Technical Committee on Control Education of the American Automatic Control Council (AACC)

American Control Conference (ACC)

University of Kansas

**Chair:** [Bozenna Pasik-Duncan](#), University of Kansas

**Local Coordinator:** [Ginger Warfield](#), University of Washington

## 5:00 p.m. Introductions

[Bozenna Pasik-Duncan](#), Chair

## 5:15 Welcome

[Anuradha Annaswamy](#), General Chair of the American Control Conference '08

[David Castanon](#), President, Control System Society

## 5:20 *Control of Unstable Flow Characteristics*

[Anuradha Annaswamy](#) (Massachusetts Institute of Technology)

## 5:40 *Some Uses for Computer-Aided Control System Design Software in Control Education*

[William S. Levine](#) (University of Maryland)

## 6:00 *The Power of Feedback*

[Theodore Djaferis](#) (University of Massachusetts, Amherst)

## 6:30 Meet the participants of the ACC'08 at the Welcome Reception

## 7:10 *Risk Engineering—Past Successes and Future Challenges*

[John Baillieul](#) (Boston University)

## 7:30 *How can we attract American students, in particular, American female students to engineering?*

Panel Discussion with members of the control systems community.

## 8:15 *Control in Mechatronics and Robotics*

[Mark Spong](#) (University of Illinois, Urbana-Champaign)

## 8:40 Wrap-up and Invitation to the 2008 American Control Conference.

[Bozenna Pasik-Duncan](#) and [Ginger Warfield](#)

Sponsored by: Control System Society