



## Special Education Session

# Preparing Tomorrow's Scientists and Engineers for the Challenges of the 21st Century



Thursday, December 16, 2010

12:00 – 1:30 pm

Room 401/402

Lunch will be served.



**Organizer and Chair:** Bozenna Pasik-Duncan, University of Kansas, Chair of CSS and AACC Technical Committees on Control Education

**Sponsored by:** CSS Technical Committee on Control Education and AACC Education Committee

This Special Education Session will focus on multiple challenges and opportunities that are presented to young investigators preparing for careers in science and engineering and will address important control engineering education issues of balancing math, science and technology in engineering education. Invited international control engineering scholars and educators from academia and industry will share a word of wisdom in addressing the following and other related questions: How do we integrate research and education? What we, scientists and educators, should do about cultivating student interest in science, math and engineering? Is it important for control engineering students to know math and science? Should control engineering education focus mostly on engineering? What kind of control engineering textbooks are popular among students? Do they need textbooks? This event follows a series of similar successful events and celebrates the 10th Anniversary of the Control Systems Society and American Automatic Control Council Outreach Program.