

Special Education Session

and the Semiannual Meeting of Technical Committees on Control Education



Wednesday, December 14, 2011

12:00 – 1:30 pm

Floridian Salon C

Lunch will be served.



Organizer and Chair: Bozena Pasik-Duncan, University of Kansas, Chair, IEEE CSS, AACC, and IFAC Technical Committees on Control Education

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

New Challenges and Opportunities in Control Education Open Forum

Conversation with **Richard Murray**, co-author with Karl Astrom of "Feedback Systems", the winning textbook of the 2011 IFAC Harold Chestnut Control Engineering Textbook Prize.

Citation: *"This textbook presents an innovative and enticing approach to feedback control of dynamic systems, which is accessible to students from diverse backgrounds. It does this by exploring a wide range of examples of dynamic systems and by drawing on conceptual methods and computer tools for analysis and design. The book is well supported by a website and by a forum for the sharing of instructional tools and experience."*

The session will be joined by past winners of the IFAC Harold Chestnut Control Textbook Prize, current and potential authors of control textbooks, and students and educators who are customers of these textbooks.

The expected output of the session is to come up with criteria for writing successfully or for selecting successfully control engineering textbook as well as for identifying other resources for using effectively and successfully in teaching and learning control systems ideas and technology.

If time permits, a winning presentation from the Orlando Workshop for High School Teachers and Students held on Monday, Dec. 12, 2011 will be given as an example of a "Plain Talk", a talk on control systems prepared for a general audience.