

Special Education Session

Discussion on Control Textbooks at Undergraduate and Graduate Levels and Control Resources Publications



Thursday, July 1, 2010

5:00 – 6:30 pm

Waterfront C/D

Refreshments will be served.



Organizer and Chair: Bozena Pasik-Duncan, University of Kansas, Chair of Control Education Committees, and Chair of IFAC Harold Chestnut Control Engineering Prize Selection Committee
Sponsored by: AACC, IEEE CSS and IFAC Technical Committees on Control Education

This Session will continue an important discussion on control textbooks that was initiated at the 2010 CDC/CCC in Shanghai, China last December. Call for Nominations for the IFAC Harold Chestnut Control Engineering Textbook Prize and Call for Control Resources Publications will be discussed. Harold Chestnut's contributions to control will be presented.

Keynote Speaker

Stephen Kahne

The Story Behind the Harold Chestnut Textbook Prize

Stephen Kahne is an Embry-Riddle Aeronautical University Emeritus Professor in Prescott, Arizona. He is an IEEE Life Fellow, IFAC Fellow, AAAS Fellow, and member of American MENSA. He was vice president and IFAC president and has held leading positions in academia, industry, and government during his 45-year career. He currently works with governing boards of community healthcare organizations and the juvenile court system in Arizona. In his fascinating article *A Path Through the Control Community* published in June 2010 Issue of the IEEE Control Systems Magazine he looks back at his path through a professional life initiated by entry into the university 55 years ago.

Harold Chestnut received B.S. (1939) and M.S. (1940) degrees in electrical engineering from MIT. He then began a life-long career with the General Electric Company until his retirement in 1983.

He was the first president of the International Federation of Automatic Control (IFAC). He chaired the technical board and the Systems Engineering technical committee, served as honorary editor, and was the first advisor appointed for life. Chestnut was involved in the IEEE since its establishment in 1963 and served as president in 1973. He was active in the formation of the IEEE History Center and the International Federation of Automatic Control.

In 1998 Harold Chestnut and the Chestnut Family provided a gift to IFAC for the IFAC Textbook Prize. The income from this generous gift is used to fund the award for an outstanding textbook author recognized at each IFAC Congress.