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The Power, Beauty and Excitement of the Cross-Boundaries Nature of Control, a Field that Spans Science, Technology, Engineering & Mathematics (STEM)

Workshop for Middle and High School Teachers and Students

Wednesday, May 24, 2017

9:00 am – 12:30 pm

Sheraton Seattle Hotel

Dear Teachers:

We hope you and your students can join us at the **The Power, Beauty and Excitement of the Cross-Boundaries Nature of Control, a Field that Spans Science, Technology, Engineering & Mathematics (STEM)** workshop for middle and high school teachers and students! This one-day workshop will be a part of the 2017 American Control Conference. The workshop is scheduled to begin at 9:00 am and end at 12:30 pm.

This outreach event is designed to increase the general awareness of the importance of systems and control technology and its cross-disciplinary nature among high school students and teachers. Control is used in many common devices and systems: cell phones, computer hard drives, automobiles, and aircraft, but is usually hidden from view. The control field spans science, technology, engineering and mathematics (STEM). The success of all STEM disciplines depends on attracting the most gifted young people to science and engineering professions. Early exposure to middle and high school students and their teachers is a key factor. The goal of these outreach efforts is to promote an increased awareness of the importance and cross-disciplinary nature of control and systems technology.

The workshop activities include presentations by control systems experts from our technical community, informal discussions, and the opportunity for teachers and students to meet passionate researchers and educators from academia and industry. The talks are designed to be educational, inspirational and entertaining showing the excitement of controls.

This workshop is aimed at middle and high school teachers and students who share an interest in math and science. The workshop is sponsored by the IEEE Control Systems Society (CSS) and the American Automatic Control Council (AACC), and all costs involved in the participation of teachers and students will be covered. Lunch will be provided and participants will receive certificates of participation.

This is a great opportunity for you and your students to meet with researchers and educators from academia and industry. The talks are designed to be educational, interactive, and entertaining. More information can be found on the workshop webpage: http://www.math.ku.edu/ksacg/workshops/ACC_2017/acc2017workshop.html

Please let us know by May 19 if you can attend, so we can finalize our plans, and do not hesitate to contact us with any questions.

Sincerely,

Bozenna Pasik-Duncan

Chair, Workshop Organizing Committee and Program Committee Professor of Mathematics and Courtesy Professor of EECS & AE University of Kansas

Chair, AACC Technical Committee on Education

Deputy Chair, IEEE CSS Technical Committee on Control Education