

# IFAC-ACE 2019

## International Federation of Automatic Control Advances in Control Education Symposium

July 7-9, 2019  
Philadelphia, Pennsylvania, USA



## CALL FOR PARTICIPATION

### General Chair

**Prof. Bozenna Pasik-Duncan**  
University of Kansas, USA

### Program Chair

**Prof. Anthony Rossiter**  
University of Sheffield, UK

### Honorary Chair

**Prof. Emeritus Stephen Kahne**  
Embry-Riddle Aeronautical  
University, USA

### Important Dates

**January 29, 2019**

Draft Paper submission

**March 22, 2019**

Acceptance/Rejection letters

**June 10, 2019**

Final Paper Submission

**May 7, 2019**

Registration Opens

### Symposium Dates

**Philadelphia Marriott  
Downtown**  
Philadelphia, Pennsylvania, USA

**July 7-9, 2019**

Symposium

The Main sponsor for ACE2019 is International Federation of Automatic Control (IFAC) and Co-sponsor is American Automatic Control Council (AACC).

Members of the Organizing and Program Committees are members of the Control Education Committees of IFAC, AACC, IEEE CSS, and IFAC Technical Committee Liaisons to Education and Industry.

The 2019 IFAC Advances in Control Education (ACE) Symposium will be held at the Philadelphia Marriott Downtown Hotel in the heart of the center in Philadelphia, PA, USA on July 7-9, 2019 in conjunction with ACC2019: <http://acc2019.a2c2.org>

The 12<sup>th</sup> Symposium on Advances in Control Education, ACE 2019, is an international forum on recent developments and advances in control education. Academic researchers and lecturers in control, R&D specialists in instrumentation, control and industrial automation, and practicing control engineers from a variety of industrial sectors will find it especially rewarding. As in earlier symposia, the program will include plenary lectures, technical sessions, interactive and panel sessions, and educational tool demonstrations.

The goal of the symposium is to bring together experts from the field of control and education that will contribute to:

- Demonstrating, discussing, evaluating and linking existing resources in the control education area
- Increasing awareness of the automatic control importance in our society
- Linking different sources and authors active in development and provision of open educational resources

### Focus Areas

- Teaching aids for control engineering
- Virtual and remote labs
- Open educational resources
- E-learning & blended learning in control engineering
- Tele-operation, Independent learning
- Centralized Internet repository for control education
- Virtual reality in control education
- Continuing control education in industry
- University-industry co-operation in control engineering education
- Internet-based control systems materials
- Embedded systems
- International programs in control engineering education
- Teacher and student exchange programs between control labs
- Cultural and social issues of control education
- Challenges for control engineering curricula
- Control education using laboratory equipment
- Integrating research and teaching
- Teaching the first and only control course in non-control engineering programs
- Interactive control education tools

**We hope to see you in July 2019 in beautiful Philadelphia!**



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