

# Guest Editorial

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## INNOVATIVE APPROACHES TO CONTROL ENGINEERING EDUCATION

Control systems have evolved rapidly over the last century, from manual control of essentially mechanically or pneumatically actuated devices in the early 1900s to modern distributed control systems with *Internet* connectivity using digital controllers. Nowadays, control engineering education involves numerous disciplines, including but not limited to computing and communication. It is a challenge to educate new generations of control engineers adequately in this multidisciplinary area to cope with the demands of modern control engineering practice.

This special issue collates interesting ideas as well as tested implementations of innovative approaches to control engineering education in all branches of engineering. Papers cover the following topics:

- New Topics in Control Engineering Education
- Innovative Control Course Syllabus
- Advanced Analysis, Synthesis, and Implementation Solutions
- Remote and Wireless Control Systems
- Distributed and Complex Digital Control Systems
- Project-based Control Engineering Education
- Creative Hands-on Learning Activities

The response has been excellent with 26 papers submitted and eventually, after rigorous peer review, 15 papers were accepted for publication in the special issue. We hope that the special issue will be of interest to everyone involved, in one way or another, in the control engineering education in the modern era and hope that the issue will further ignite interest to continue to explore and formulate innovative approaches and stimulating content in control engineering education.

Happy reading.

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