



IFAC Main Sponsoring Technical Committee

TC 9.4 – Control Education

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TC 3.3 – Telematics: Control via Communication Networks

TC 2.1 – Control Design

TC 6.1 – Chemical Process Control

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Important Dates:

Submission site opens:	01 January 2024
Draft Paper Submission:	15 March 2024
Paper Decision:	30 April 2024
Final Paper:	30 May 2024

Registration fee:

Workshop Registration fee: 350 Euro
 Registration deadline: 30 July 2024

The 4th IFAC Workshop on Internet Based Control Education (IBCE24) will be held Wednesday through Friday, September 18-20 at Ghent University, Belgium. The pandemic crisis has emphasized, more than ever, the importance of online (internet based) teaching and has changed the way of teaching. Furthermore, the pandemic situation highlighted the need for effective internet-based control education. The motivation for this workshop is the recognition that student learning can be enhanced through the judicious and effective use of online resources and services accessible on the Internet. This workshop will serve as an international forum for interaction among engineers, scientists, and practitioners of control engineering who are interested in adopting and promoting Internet-based methodologies for teaching control engineering. The workshop will be organized in hybrid form (online and physical attendance). This will facilitate participants from developing countries to contribute to this event.

The IBCE24 workshop features two Benchmark Challenge Competitions (BCCs):

BCC1: Control of anesthetic and hemodynamic states in patients (more information will follow)

BCC2: Control of continuous manufacturing process of oral tablet production (more information will follow)

The workshop will address the following topics (but not limited to)

- Internet-based control education
- e-learning in control engineering
- Interactivity and interactive tools
- Enhanced e-books
- Virtual and remote labs, virtual reality
- Web-based educational environments
- Personal learning environments
- Social software in control education
- Continuing control education in industry
- Internet-based control education assessment
- Quality Assurance in e-learning
- Social and educational issues in developing countries
- Collaborative learning
- Problem-based learning
- Online tutoring
- Closing the gap between control education practice and control engineering practice
- International programs in internet based control education
- Cultural and social issues of control education

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