



Control Education-DAY @ IFAC PID18

WHERE: Holiday Inn Ghent Expo Hotel **WHEN:** Thursday 10th May 2018

Program at a glance:

14:30- 16:30 Debate

Chaired by: J.A. Rossiter (Sheffield University, UK)

What is an ideal undergraduate control curriculum?

Panelists:

Ferdinand Kieckhäfer (Hamburg University, Germany)

Tore Hägglund (Lund University, Sweden)

Paulo Moura Oliveira (UTAD, Portugal)

Guy Dumont (The University of British Columbia, Canada)

Tao Liu (Dalian University of Technology, China)

What is an ideal control curriculum? Do we focus on concepts, applications and simple tools such as PID? Alternatively, maybe we should focus on traditional analysis tools such as Bode and Nyquist as these are skills and tools students will not acquire in the workplace. A different alternative notes there is a growing opinion that we should bin all of those classical tools and instead present control solely from a state space framework.

Having decided what should be on the curriculum, how do we as an IFAC community (industrialists and academics) provide learning resources and tools which will help students learn what they need to know? Do we have a role in coordinating this or do we leave this to the whim of those who choose to write a control text book?

The panel session will begin with some short speeches from the panelists followed by input and dialogue involving the whole audience.

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