



ECED 2017
2nd - 4th April

ECED 2017 Programme

CESAER

conference of european schools
for advanced engineering education
and research

Technische
Universität
München



European Society for Engineering Education
Europäische Gesellschaft für Ingenieur-Ausbildung
Société Européenne pour la Formation des Ingénieurs

Sunday, 02.04.2017

18:30 – 20:00 **Registration and Welcome Reception**
(Immatriculation Hall, TUM, Arcisstrasse 21, D 80333 Munich)

Monday, 03.04.2017

08:30 – 09:00 **Registration**
(Foyer Theresianum, TUM, Arcisstrasse 21, D 80333 Munich)

09:00 – 09:15 **Opening Session**
(Lecture Hall 0602)

Session 1 Harvesting Innovation in Crossing Boundaries

- Are departmental borders prohibitive for crossing boundaries?
- Do we appraise professors the best way with the current metrics system?

Moderator and organizer: **Mads Nygard**, NTNU, **Rapporteur:** **Luis Manuel Sanchez Ruiz**, Director Research & Innovation Area, UPV

09:15 – 10:00 **YouTube Session: Ways to cope with the challenge of crossing boundaries**
(Lecture Hall 0602)

David Fitzpatrick, Dean of Engineering and Principal, UCD College of Engineering & Architecture, University College Dublin
Andreas Mortensen, Vice President for Research, Ecole Polytechnique Fédérale de Lausanne
João Falcão e Cunha, Dean, University of Porto

Plenary Discussion

10:00 – 10:20

Coffee
(Foyer Theresianum)

10:20 – 11:40

Keynotes
(Lecture Hall 0602)

Jan Gulliksen, Dean School Computer Science and Communication, KTH
How to tackle the delimiters of departments and integrate scientists from different disciplines in integrative research?

Marianne Thellersen, Senior Vice President - Innovation & Entrepreneurship, DTU
Metric systems for professors – past, present, future.

Panel Discussion

Jan Gulliksen, Dean School Computer Science and Communication, KTH
Marianne Thellersen, Senior Vice President - Innovation & Entrepreneurship, DTU
Dave Wilson, Vice President, Product Marketing – Software, Academics & Customer Education, National Instruments
Alex Tarchini, MathWorks
Rudolf F. Schwarz, Managing Director IABG mbH and Honorary Professor at TUM

11:40 – 12:30

Break-out groups
(Rooms 2601, 2605, 2607)

12:30 – 13:00

Report, Wrap up
(Lecture Hall 0602)

13:00 – 14:30

Lunch Break
(Mensa)

Session 2 Recognition and Accreditation of Engineering Degrees across Europe

- Is diversity of engineering curricula an asset, or does it hinder recognition and meaningful comparison of engineering degrees? What should be compared?
- To what extent do accreditation and common frameworks contribute to improving the quality of engineering education, and to what extent can they limit innovation in curricula and pedagogy?

Moderator and organizer: [Gerhard Müller](#), TUM, **Rapporteur:** [Ralph Bruder](#), TU Darmstadt

14:30 – 15:15

YouTube Session: What is an engineer? How does the community monitor and supervise?

(Lecture Hall 0602)

[Seweryn Spalek](#), Faculty of Organisation and Management, Silesian University of Technology

[Zbynek Skvor](#), Vice-rector for Research and PhD Programmes, Czech Technical University in Prague

[Francesc Gine de Sola](#), Dean of engineering, University of Lleida

[Alexia Spyridonidou](#), BEST (Board of European Students in Technology)

Plenary Discussion

15:15 – 16:40

Keynotes

(Lecture Hall 0602)

[Bernard Remaud](#), President ENAEE (European Network for the Accreditation of EE)

Innovation versus frameworks: A contradiction?

[Sophie Weisswange](#), European Commission (DG Growth)

Common training frameworks: A cross national tool to facilitate European professional life

Panel Discussion

Bernard Remaud, President ENAEE (European Network for the Accreditation of EE)

Sophie Weisswange, European Commission (DG Growth)

Peter Kilpatrick, Chair GEDC, Dean University Notre-Dame USA

Hans-Joachim Bargstädt, Bauhaus-Universität, President 4ING

16:40 – 17:30

Break-out groups

(Rooms 2601, 2605, 2607)

17:30 – 18:00

Report, Wrap up

(Lecture Hall 0602)

19:30 – 22:00

Dinner at "Ratskeller München"

(see the backside of the menu for a map of the location)

Tuesday, 04.04.2017

Session 3 Governance of Research & Education

- What consequences do the findings from Sessions 1 and 2 have for university governance, and what advice might be given to leaders in engineering?
- What competences does modern university management require to be resilient and to adequately cope with the complexity of the academic environment?

Moderator and organizer: **Martin Vigild**, DTU, **Manfred J. Hampe**, TU Darmstadt,
Rapporteur: **John Mitchell**, UCL London

09:00 – 10:40

Keynotes

(Lecture Hall 0602)

Karel Luyben, Rector Magnificus, TU Delft
University-leadership

Mike Hounslow, Vice-President and Head of Faculty
(Engineering) University of Sheffield
Management & Leadership. People & Mission. Freedom & Constraints.

Panel Discussion

Karel Luyben, Rector Magnificus, TU Delft
Mike Hounslow, Vice-President and Head of Faculty
(Engineering) University of Sheffield
Natacha DePaola, (incoming Chair GEDC) Dean Illinois Institute
of Technology
János Levendovszky, Deputy Dean (Scientific and International
Affairs), BME

10:40 – 11:30

Break-out groups

(Rooms 2601, 2605, 2607)

11:30 – 12:00

Report, Wrap up

(Lecture Hall 0602)

Session 4 Conclusion and closing the convention

Moderators: **Mike Murphy**, Director DIT, Dublin Technological University Alliance, **Martin Buchschmid**, TUM, **Eskild Holm Nielsen**, Dean Faculty of Engineering and Science, AAU

- 12:00 – 12:45** **Conclusion and closing the convention**
Wrap up of the three Sessions by Chairpersons and
Rapporteurs: Towards the “Munich Direction”
(Lecture Hall 0602)
- 12:45** **Lunch**
(Mensa)

We are very grateful to the sponsors of ECED 2017:



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