



34th Conference of
Rectors and Presidents of
European Universities of Technology

crp

Crossing Borders

September 18-19, 2015

Final Programme
150915

2015 Conference Host:
Prof. Tuula Teeri
President
Aalto University

Conference Venue:
Aalto University
Espoo, Finland

Invitation to the 2015 Conference at Aalto University, Espoo, Finland

Dear colleague,

We cordially invite you to the 2015 Conference of Rectors and Presidents of European Universities of Technology. Universities are facing substantial changes related to the global science and research system, new information and communication technologies, society, and economy that urge them to develop new visions, strategies and also new approaches to work. In many respect, that needs rethinking traditional views and concepts and taking ambitious steps towards crossing borders into new territories.

Keynote speakers will discuss the Conference topic from different perspectives and university leaders will present the approaches they are following coping with the problems of our times and taking the lead finding new ways and means towards a sustainable future.

General background of the conference:

Following a joint initiative of the rectors of Vienna University of Technology and RWTH Aachen University, this conference has been started in 1980 with the aim to establishing a forum for top representatives of leading engineering universities in Europe for

- discussing topics of major common concern, that are not discussed in other fora,
- identifying differences and commonalities of existing solutions to problems of common interest,
- developing new ideas and - if appropriate - preparing recommendations on specific topics, and
- forming a ‘think tank’ for the future development of the universities of technology in Europe.

As an informal grouping the conference has no formal international or European organisational structure.

Discussions at the 2015 Conference will address issues such as:

The conference topic will give an opportunity for many dimensions to look at. There are several invisible but real borders between

- disciplines (e.g. science, technology, social sciences, humanities, arts,...)
- academia and industry/society
- theory and practice in engineering education
- countries and cultures (within Europe; Europe and other continents)
- individual’s mindsets: “Those who cannot change their minds cannot change anything” (George Bernard Shaw).

We are looking forward meeting you at Aalto University in September 2015.

President Prof. Tuula Teeri
2015 Conference Host

Prof. Manfred Horvat
Conference Coordinator

Programme, Day 1

September 18, 2015

- 9:30 **Bus Pick-up from Hotel Radisson Blu Espoo for Campus Visit**
- 10:00 - 11:15 **Architectural tour of Aalto University Otaniemi Campus focusing on Alvar Aalto's architecture**
- 11:30 - 12:00 **Tour of Aalto University Design Factory**
- 12:15 - 12:45 **Bus Pick-up at hotel for Conference**
- 13:00 - 13:30 **Arrival and registration of participants at the Conference site**
Light Lunch
Accompanying persons' departure for afternoon programme
- 13:30 – 14:10 **Welcome by the host and Official Opening**
Tuula Teeri, President, Aalto University
- 13:35 – 13:50 **Official opening speech**
Tuomas Lokki, Senior Vice President, Planmeca Group, Finland
- 13:50 – 14:10 **Aalto University as test bed and pioneer for crossing borders**
Tuula Teeri, President, Aalto University
- 14:10 – 14:15 **Introducing the Conference**
Manfred Horvat, Conference Coordinator
- 14:15 - 15:30 **Keynote speeches 1**
- Crossing borders and moving into new territories**
Dan Shechtman, Nobel Laureate Chemistry 2011, Distinguished Professor, Technion, Haifa, Israel
- The messiness of real world problems - are we asking the wrong questions?**
Helga Nowotny, Chair, Austrian ERA Council Forum; Former President of the Scientific Council, European Research Council ERC
- 15:30 - 16:00 **Break**
- 16:00 - 17:30 **Keynote speeches 2**
- The impact of Europeanisation and globalisation on higher education**
Marijk van der Wende, Dean, Graduate Studies, Utrecht University, The Netherlands
- Responsible Research and Innovation and the role of universities**
Phil Macnaghten, Chair in Technology and International Development, Wageningen University, The Netherlands
- Removing borders between well established institutions: An update about the progress of Université Paris Saclay**
Yves Polaine, Member of the Board, Université Paris Saclay, France
- 17:30 -18:00 **General Discussion and Conclusions of Day 1**
- 20:00 **Conference Dinner**

Programme, Day 2

September 19, 2015

University crossing borders - Examples and experiences

08:15 **Bus Pick-up at hotel**

09:00 – 10:00 **Session 1: Overcoming borders of time, disciplines and values**

09:00 - 09:15 **Futures-Studies at RWTH Aachen University**

Ernst Schmachtenberg, Rector, RWTH Aachen University , Germany

09:15 - 09:30 **Cross-disciplinary cooperation as challenge for university leadership and structuring**

Gunnar Bovim, Rector, NTNU Norwegian University of Science and Technology

09:30 - 09:45 **Discussion**

09:45 – 10:30 **Session 2: Crossing geographical borders: The emerging globality of higher education and research**

09:45 - 10:00 **The Mediterranean University of Technology in Fez, Morocco**

Eric Mauricomme, President, INSA Lyon, France

10:00 - 10:15 **The role of Sino-Danish cooperation in DTU's strategy 2014-2019**

Martin Bendsoe , Dean of Graduate Studies and International Affairs, Senior Vice-President, DTU Technical University of Denmark

10:15 - 10:30 **Discussion**

10:30 - 11:00 **Break**

Session 2: next page

Programme, Day 2 (continued)

September 19, 2015

Universities crossing borders - Examples and experiences

11:00 – 11:45 **Session 3: Activating the university-business interface**

11:00 - 11:15 **University-industry cooperation in Gdansk – In tandem with industry**
Henryk Krawczyk, Rector Gdansk University of Technology, Poland

11:15 - 11:30 **Developing an innovation ecosystem: The case of Kaunas University of Technology**
Asta Pundziene, Vice-Rector for Research, Kaunas University of Technology, Lithuania

11:30 - 11:45 **Discussion**

11:45 – 12:45 **Session 4: Towards the virtual university?**

11:45 - 12:00 **Educate, innovate, accelerate: harnessing the knowledge triangle for European leadership in ICT**
Kai Huotari, Deputy Director, EIT ICT Labs Helsinki Node at Aalto University, Finland

Developing a smart university in a smart city
12:00 - 12:15 Paolo Collini, Rector, University of Trento, Italy

Introducing MOOCs: How to cope with the higher education and learning revolution
12:15 – 12:30 Vincent Blondel, Rector, Université Catholique de Louvain, Belgium

12:30 - 12:45 **Discussion**

12:45 - 13:00 **Final general discussion and conference conclusions**

13:00 - 13:15 **Outlook to the 35th Conference**

- Stanislav Bielecki, Rector, Lodz University of Technology, Poland
- Manfred Horvat, Conference Coordinator

13:15 - 13:30 **Conference closing**

- Tuula Teeri, President, Aalto University

13:30 -14:15 **Light buffet lunch**

Bus Pick-up to social programme: Excursion and informal farewell dinner (details see page 6)

Locations of the Conference Sessions

September 18, 2015

Open Innovation House, Seminar Hall
Street address: Otaniementie 19-21, Espoo

September 19, 2015

Design Factory, The Stage
Betonimiehenkuja 5 C, Espoo

Social Programme on September 18-19, 2015

September 18, 2015

Morning Programme:

9:30 Bus Pick-up from Hotel Radisson Blu Espoo
10:00 - 12:00 Architectural tour of Aalto University Otaniemi Campus
Introduction and Tour of Aalto University Design Factory

Accompanying persons' afternoon programme:

13:30: Departure by bus from the Conference site
14:00 Didrichsen Art Museum -
15:00 Afternoon Coffee at Café Fazer Kluuvi
Shopping opportunity in Central Helsinki
17:30 Bus pick-up from Central Helsinki to Conference hotel

Conference Dinner

19:00 Bus Pick-up from Hotel Radisson Blu Espoo
20:00 Dinner at Hvitträsk Museum & Restaurant

September 19, 2015

Post-Conference Excursion for Conference participants and accompanying persons:

14:30: Departure from Conference site
Sight-seeing tour of Helsinki main sights
16:30 Tour ends

19:00 Farewell Dinner at Restaurant Sipuli in Helsinki



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Prof. Tuula Teeri
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