



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology

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**30th Conference of
Rectors and Presidents of
European Universities of Technology**

**Synergies between Education,
Research and Innovation**

Programme

September 23-24, 2011

**2011 Conference Host:
Rector Prof. Peter Skalicky
TU Wien - Vienna University of Technology
Austria**

**Conference Venue:
TU Wien – Vienna University of Technology
1040 Vienna, Karlsplatz 13, 4th floor, Cuppola Hall**

Invitation to the 2011 Conference at TU Wien, Austria

Dear colleague,

We cordially invite you to the 2011 Conference of Rectors and Presidents of European Universities of Technology. This year's topic is discussed in Europe in many political, academic and industrial fora. Education, research and innovation are forming the 'Knowledge Triangle' and the challenge is to turn a buzz-word into reality. The Vienna Conference will provide an excellent opportunity for addressing this topic from different perspectives and on the bases of the experiences of different universities.

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 2011 Conference will address issues such as:

- Integrating education, research and innovation at universities of technology and making the knowledge triangle a reality
- Safeguarding the research orientation of universities of technology
- How to utilize research for enriching education and stimulating student learning
- From teacher centered engineering education towards approaches facilitating learning by integrating research activities
- How to link research and education with innovation through close cooperation and interaction with industry
- First experiences from EIT Knowledge and Innovation Centers (KICs)
- Lessons learned from integrating students in research cooperation with industry
- Utilizing technology transfer centers, incubators, science and technology parks for education and training
- Other aspects as defined by speakers and participants.

We are looking forward meeting you at TU Wien in September 2011.

Rector Prof. Peter Skalicky
2011 Conference Host

Prof. Manfred Horvat
Conference Coordinator

Programme, Day 1

September 23, 2011

Welcome, Opening and Introductory Keynote Speeches: Setting the Stage for the Conference Topic

- 10.00 - 12.00 Eventually: Visit to Labs, Vienna University of Technology
- 13:00 - 13:30 **Arrival and registration of participants at the Conference site**
Coffee, tea and biscuits
- 13:30 - 13:50 **Welcome by the host and Official Opening**
Peter Skalicky, Rector, Vienna University of Technology, Austria
- Opening keynote speech**
Friedrich Faulhammer, Director General, Ministry for Science and Research, Austria
- 13:50 - 14:00 **Introduction to the 2011 Conference theme**
Manfred Horvat, Conference Coordinator
- 14:00 - 15:30 **Keynote speeches 1**
- The role of universities in the new common strategic framework for research and innovation**
Robert-Jan Smits, Director General for Research and Innovation, European Commission
- The role of education in the promotion of research and innovation**
Lucia Recalde, Head of Unit, EIT and Economic Partnerships, Directorate-General for Education, Training and Youth, European Commission
- 15:30 - 16:00 **Break**
- 16:00 - 17:30 **Keynote speeches 2**
- Safeguarding research and innovation at universities**
Peter Skalicky, Rector, Vienna University of Technology, Austria
- Is the EIT a model for realising the knowledge triangle?**
Alexander von Gabain, incoming Chairman, EIT Government Board;
Professor, Max F. Perutz Laboratories, University of Vienna, Austria
- An industrial perspective of the knowledge triangle**
Jan-Eric Sundgren, Senior Vice President of AB Volvo responsible for public & environmental affairs. Member of the Group Executive Committee, Sweden; Chairman, Working Group "Research and Technological Innovation", Business Europe
- 17:30 - 18:00 **General Discussion and Conclusions of Day 1**
- Afternoon: Accompanying persons' programme**
(Departure 13:30 from Conference site)
- Evening programme: Conference Dinner**
(Details see page 6)

Programme, Day 2

September 24, 2011

Are synergies between education, research and innovation a reality at European Universities of Technology?

09:00 - 10:30 **Session 1**

09:00 - 09:30 **Innovation in science, engineering and technology?**

Karen Maex, Vice-Rector, K.U. Leuven, Belgium

On the implementation of the innovation triangle in the Polish Node within the KIC-InnoEnergy Consortium

Tomasz Szmuc, Vice-Rector for Research, AGH University of Science and Technology, Cracow, Poland

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

09:45 - 10:15 **Integrating the Knowledge Triangle: building a culture of university enterprise**

Edward Astle, , Pro-rector Enterprise, Imperial College of Science, Technology and Medicine, London, United Kingdom

The European Platform of Universities engaged in Energy Research - an EUA initiative

Torbjørn Digernes, Chairman, EUA European Platform of Universities in Energy Research (EPUE); Rector, Norwegian University of Science and Technology (NTNU)

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

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

Session 2: see next page

Programme, Day 2 (continued)

September 24, 2011

11:00 - 12:45 **Session 2**

11:00 - 11:45 **Developing the knowledge triangle through cooperation with industry**

Xavier Michel, Director General, École Polytechnique, France

Linking research and innovation: from technology transfer to technology cooperation

Giovanni Azzone, Rector, Politecnico di Milano, Italy

Turning a buzzword into reality: the DTU experience

Lars Pallesen, President, Technical University of Denmark

11:45 – 12:00 **Discussion**

12:00 - 12:30 **How can institutes of technology participate in the problem solution process of societal changes?**

Jörg Steinbach, President, TU Berlin, Germany

Education, Research and Innovation for a Global Society

Konrad Osterwalder, Rector, United Nations University (UNU), Tokyo, Japan ; Under-Secretary General, United Nations

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

12:45 - 13:15 **Final general discussion and conference conclusions**

13:15 - 13:30 **Outlook to the 31st Conference**

- Muhammed Sahin, Istanbul University of Technology, Turkey

- Manfred Horvat, Conference Coordinator

13:30 – 13:40 **Conference closing**

Peter Skalicky, Rector, Vienna University of Technology

13:40-14:30 **Light buffet lunch**

**Afternoon and evening:
Excursion and informal farewell dinner**

(Details see page 6)

Social Programme on September 23-24, 2011

September 23, 2011

Accompanying persons' afternoon programme:

(Departure by bus from Conference site, registration desk, at 13:30)

Visit to the Imperial Furniture Collection

<http://www.hofmobiliendepot.at/en/the-museum.html>

Afternoon coffee/tea and Viennese cakes at Café Sacher

<http://www.sacher.com/en-cafe-vienna.htm>

(For the evening programme, accompanying persons will join the Conference participants at the registration desk immediately after the afternoon programme without an intermediate stop at the hotels!)

Evening programme for

Conference participants and accompanying persons:

(Departure by bus from the Conference site at 18:30)

19:30: Conference Dinner, Café Gloriette, Palace Garden Schoenbrunn

<http://www.gloriette-cafe.at/en/home/>

September 24, 2011

Post-Conference Programme for

Conference participants and accompanying persons:

(Departure by bus from Conference site at 14:30)

Excursion to Stift Klosterneuburg

<http://www.stift-klosterneuburg.at/>

Informal farewell dinner:

Restaurant Stiftskeller Klosterneuburg

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