



31th Conference of
Rectors and Presidents of
European Universities of Technology

crp

HORIZON 2020
**The EU Framework Programme for Research
and Innovation 2014-2020**
New Opportunities for Universities of Technology

September 21-22, 2012

Final Programme

2012 Conference Host:
Rector Prof. Mehmet Karaca
ITU – Istanbul Technical University
Turkey

Conference Venue:
ITU – Istanbul Technical University
Ayazaga-Campus

Istanbul Teknik Üniversitesi
Ayazağa Kampüsü, Süleyman Demirel Kültür Merkezi,
Maslak

Invitation to the 2012 Conference at ITU, Turkey

Dear colleague,

We cordially invite you to the 2012 Conference of Rectors and Presidents of European Universities of Technology. Following the Commission proposal for HORIZON 2020 The Framework Programme for Research and Innovation 2014-2020 on 30 November 2011, the formal decision process involving the European Parliament and the Council of Ministers is on its way. However, also the research communities in academia and business are taking positions and are providing inputs. It is appropriate that the state of developments is reviewed by leaders of universities of technology and further issues are raised and comments are made. The Conference will provide ample space for getting up-to-date information and discussing objectives, structures and implementation measures of the new programme which will play a key role for Europe's development in research and innovation till 2020.

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 2012 Conference will address issues such as:

- Universities of technology as backbone of the European Research Area
- Coping with Societal Challenges – getting organised for interdisciplinary cooperation
- Working with industry and joining forces for innovation in key technologies
- Universities working with and for SMEs
- Enhancing Europe's attractiveness for excellent researchers
- Utilizing researcher mobility for career development and for facilitating institutional cooperation
- Strengthening cooperation between universities and major research infrastructures
- Providing opportunities for high risk/high gain research.

We are looking forward meeting you at ITU in Istanbul in September 2012.

Rector Prof. Mehmet Karaca
2012 Conference Host

Prof. Manfred Horvat
Conference Coordinator

Programme, Day 1

September 21, 2012

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

- 10.30 - 12.30 **Visit to Labs, Istanbul Technical University**
Buses to ITU: Moevenpick: 10:10, Sheraton Maslak: 10:20
- 13.30 - 14.30 **Arrival and registration of participants at the Conference site, display of award winning student projects**
(Buses to ITU: Moevenpick: 13:10, Sheraton Maslak: 13:20)
Coffee, tea and open buffet lunch
- 14.30 - 14.50 **Welcome and opening keynote speech by the host**
Mehmet Karaca, Rector, Istanbul Technical University, Turkey
- 14.50 - 15:00 **Introduction to the 2012 Conference theme**
Manfred Horvat, Conference Coordinator
- 15:00 - 16:30 **Keynote speeches 1**
- Key aspects of the Commission proposal for HORIZON 2020 – Where do we stand, what are the main issues?”**
Wolfgang Burtscher, Deputy Director General, Framework Programme Policy and Management, European Commission, DG for Research and Innovation
- Synergies between the Structural Funds and HORIZON 2020: new opportunities for fostering research and innovation in Europe**
Wolfgang Streitenberger, Adviser, European Commission, DG for Regional Policy
- 16:30 - 17:00 **Break**
- 17:00 - 18:30 **Keynote speeches 2**
- The role of the EU Framework Programmes in ITU’s strategy**
Mehmet Karaca, Rector, Istanbul Technical University, Turkey
- HORIZON 2020: an industry view**
Erkki Ormala, Vice-President, Business Environment, Corporate Relations and Responsibility, Nokia Corporation, Finland
- Addressing education, research and innovation at European level: universities as partners for solving complex problems**
Karin Markides, President and CEO, Chalmers University of Technology, Sweden
- 18:30 - 19:00 **General Discussion and Conclusions of Day 1**
- Afternoon: Accompanying persons’ programme**
(Departure 14:30 from Conference site)
- Evening programme: Conference Gala Dinner**
(Details see page 6)

Programme, Day 2

September 22, 2012

crp Forum: Integrating European research and innovation activities in university strategies – Examples of European Universities of Technology

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

09:00 - 09:15 **HORIZON 2020 - a critical comment on the framework programme
for research and innovation from the point of view of TU9**

Wolfram Ressel, Rector, University of Stuttgart, Germany

09:15 - 09:30 **A predictor-corrector method of research national policy and its
influence on the Technical Universities in Romania**

Anton Anton, Vice-rector, University of Civil Engineering in Bucharest, former State
Secretary for Education and Research, Romania

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

09:45 - 10:00 **FEUP: Strategies to Integrate and attract International (European)
research and innovation activities**

Fernando Jorge Monteiro, Vice-President for Scientific Affairs, University of Porto,
FEUP, Faculty of Engineering, Portugal

10:00 - 10:15 **In search of excellence - the international competition for talents and
innovation**

Roland Siegwart, Vice-President for Research, Swiss Federal Institute of Technology
(ETH Zurich), Switzerland

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

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

Session 2: next page

Programme, Day 2 (continued)

September 22, 2012

crp Forum: Integrating European research and innovation activities in university strategies – Examples of European Universities of Technology

11:00 - 12:30 Session 2

11:00 - 11:15 Some Reflections on European Collaboration in Research

Phil A. Nelson, Pro-Vice-Chancellor, University of Southampton, United Kingdom

11:15 - 11:30 Kaunas University of Technology in pace with Europe 2020

Petras Barsauskas, Rector, Kaunas University of Technology, Lithuania

11:30 - 11:45 HORIZON 2020: An Irish perspective

Gerry Byrne, Dean, University College Dublin, College of Engineering, and Architecture,
Ireland

11:45 - 12:00 Discussion

12:00 - 12:30 Final general discussion and conference conclusions

12:30 - 12:45 Outlook to the 32nd Conference

- Giovanni Azzone, Rector, Politecnico di Milano, Italy
- Manfred Horvat, Conference Coordinator

12:45 - 13:00 Conference closing

Mehmet Karaca, Rector, Istanbul Technical University

13:00 -14:00 Light lunch

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

(Details see page 6)



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Social Programme on September 21-22, 2012

September 21, 2012

Visit to ITU Labs:

Membrane technology and mechatronic labs

Departure from Conference hotels:

Moevenpick Hotel at 10:10

Sheraton Maslak Hotel at 10:20

Accompanying persons' afternoon programme:

(Departure from Conference site, registration desk, at 14:30)

Visit to Sakip Sabanci Museum in Istanbul

Conference Gala Dinner at Minitürk

Social Programme on September 22, 2012

Post-Conference Excursion for

Conference participants and accompanying persons:

(Departure from Conference site at 14:15)

**Excursion to Istanbul historic peninsula including Bosphorus boat tour,
Saint Sophia, and Blue Mosque**

**Informal farewell dinner at
Kumkapi Deniz Restaurant**



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2012 Conference host:

Prof. Mehmet Karaca
Rector
Istanbul Technical University

2012 Conference secretariat at ITU:

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