

**39th Conference of
Rectors and Presidents of
European Universities of Technology**

**Universities of Technology addressing the
challenges that planet earth is facing**

September 18th-19th, 2020

Conference Programme
(200708)

**2020 Conference host:
Professor Philippe Courtier
President, University of Technology of Compiègne**

**University of Technology of Compiègne
Rue du docteur Schweitzer CS 60319,
60203 Compiègne Cedex France, France**

Invitation to the 2020 Conference at the Compiègne University of Technology

Dear colleague,

We cordially invite you to crp2020, the 39th Conference of Rectors and Presidents of European Universities of Technology.

The global nature of the challenges that our planet is facing demands new approaches of policy, industry, education and research, and the general public. The Sustainable Development Goals (SDG) the reports of the International Panel for Climate Change (IPCC), the Paris Agreement 2015 form the framework for action. The European New Deal defines Europe's commitment to tackling climate and environmental-related challenges as this generations defining task. Universities have a special role to play in that context. Borders between disciplinary silos need to be overcome and new structures and initiatives for interdisciplinary cooperation in education and research have to be considered including involving non-academic parties in transdisciplinary arrangements.

Keynote speakers will discuss the Conference topic from different perspectives and leaders of European Universities of Technology will present their institutions' offers of new targeted curricula, as well as research and innovative activities contributing to sustainable development.

General background of the conference:

Following a joint initiative of the rectors of Vienna University of Technology and RWTH Aachen University, this conference started in 1980 with the aim of establishing a forum for top representatives of leading science and 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 2020 Conference will address issues such as:

The conference topic will give an opportunity to discuss different aspects of the universities' strategies, approaches, experiences and perspectives regarding addressing the planetary: challenges

- Universities after COVID-19 - Conclusions for university management, education and research
- Educating contemporary scientists and engineers for sustainable development
- TUs' contributions to mastering energy transition and coping with climate change
- How to organize interdisciplinary cooperation in education and research
- Integrating social sciences and humanities in engineering teaching and research
- From interdisciplinarity to transdisciplinarity research including civil society
- Reconsidering university structures – examples of good practices in teaching and research
- TUs working with COPERNICUS, Europe's eyes on the earth
- Opportunities for high risk/high gain research
- TUs' roles in developing public awareness and understanding of global challenges

We are looking forward meeting you in Compiègne in September 2020!

President, Prof. Philippe Courtier
University of Technology of Compiègne
2020 Conference Host

Prof. Manfred Horvat
Conference Coordinator

Programme, Day 1

September 18th, 2020

- 09:30 – 10:00 **Arriving at Conference site**
- 10:00 - 12:30 **Campus Tour and Laboratory visits**
- 12:30 - 13:30 **Buffet Lunch and Registration**
- 13:30 **Accompanying persons' departure for afternoon programme**
- 13:30 – 13:40 **Welcome by the host**
Philippe Courtier, President, University of Technology of Compiègne (UTC)
- 13:40 - 13:50 **Official Opening**
- 13:50 - 14:00 **Introducing the Conference**
Manfred Horvat, Conference Coordinator, Technische Universitaet Wien, Austria
- 14:00 - 14:15 **UTC addressing Grand Challenges**
Philippe Courtier, President, University of Technology of Compiègne (UTC)
- 14:15 - 15:30 **Keynote Speeches**
- Chair: Manfred Horvat, Conference Coordinator, TU Wien, Austria**
- 14:15-14:35 **The “European Green Deal” as challenge and opportunity for Europe’s engineering community**
Peter Droell, Director Prosperity, Directorate-General Research and Innovation, European Commission (by video link)
- 14:35-14:55 **Potential benefits of Earth Observation for research and training of the next generation of scientists and engineers**
Isabelle Benezeth, **Head of Mission, Global Change and Earth observation, Ministry for the Ecological and Inclusive Transition, France**; French Representative to the Copernicus programme and also for GEO (Group on Earth Observations) (tbc)
- 14:55-15:15 **Respecting the limits of planet earth and the needs for supporting sustainability**
Janez Potocnik, Member of the Club of Rome; Co-Chair, United Nations International Resource Panel (UNEP); former European Commissioner for Environment (2010-2014) and for Science and Research (2004-2010) (by video link)
- 15:15 - 15:50 **Break** (coffee, tea, refreshments, biscuits)

Keynote speeches continued next page

Programme, Day 1 (continued)

18th September 2020

- 15:50 – 17:45 **Keynote Speeches** (continued)
- 15:50-16:10 **Transdisciplinarity in assessing technologies for sustainability**
Ulrike Felt, head of the Department of Science and Technology Studies and of the research platform on Responsible Research and Innovation in Academic Practice, University of Vienna, Austria
- 16:10-16:30 **Industry's contributions addressing the global warming challenge**
Jean Louis Chaussade, Industrialist, President of the UTC University Board, France
- 16:30-16:50 **Universities' roles promoting sustainable development for society**
Sabine Maasen, Director Munich Centre for Technology and Society & Schiedel Chair of Sociology of Science, Technical University Munich, Germany
- 16:50-17:10 **Sustainability: a fundamental re-calibration of the diagnosis and the solutions. Impact on university research and education programs**
Leo Van Broeck, former Flemish Government Architect, CEO at BOGDAN & VAN BROECK, Professor at KU Leuven, Belgium
- 17:10-17:30 **Engineering ethics and responsible innovation**
Jeroen van den Hoven, Professor of Ethics and Technology, TU, Delft, The Netherlands
- 17:30-17:45 **Final discussion and round up**
- Conference Gala Dinner**
- 19:30 **Salle Saint Nicolas, Compiègne City Centre**
Welcome cocktail as from 19:00 accompanied by a musical programme
Visit of St Nicolas' Chapel

Programme Day 2 next page.

Programme, Day 2

September 19th, 2020

Universities of Technology addressing the challenges that planet earth is facing

- 09:00-10:30 **Session 1:**
- Chair: Sabine Seidler, Rector, TU Wien, Austria – Host of crp2021**
- 09:00 - 09:15 **TU Braunschweig, Germany**
Vice-President Peter Hecker
- 09:15 - 09:30 **Cartagena University of Technology, Spain**
Former Rector Magnificus Alejandro Díaz Morcillo
- 09:30 - 09:45 **Discussion**
- 09:45 - 10:00 **Norwegian University of Science and Technology NTNU**
Pro-Rector for Innovation Toril A. Nagelhus Hernes
- 10:00 - 10:15 **ParisTech - Alliance of Paris Grandes Ecoles**
Christian Lermينياux, President of ParisTech Governing Committee
- 10:15 - 10:30 **Discussion**
- 10:30 - 11:00 **Break** (coffee, tea, refreshments, biscuits)

Sessions 2 and Closing Session: see next page

Programme, Day 2 (continued)

September 19th, 2020

Universities of Technology addressing the challenges that planet earth is facing

- 11:00 – 12:45 **Session 2**
- Chair: Janos Józsa, Rector, Budapest University of Technology and Economics (BME), Hungary**
- 11:00 - 11:15 **Montan Universitaet Leoben (MUL), Austria**
Rector Wilfried Eichlseder
- 11:15 - 11:30 **Cranfield University of Technology, United Kingdom**
Pro-Vice-Chancellor Simon Pollard, International and School of Water, Energy and Environment
- 11:30 - 11:45 **Discussion**
- 11:45 - 12:00 **University of Twente, The Netherland**
Rector Magnificus Thom T.T. Palstra
- 12:00 - 12:15 **European University EU-CONNEXUS, EU**
Rector Radu Vacareanu, Technical University of Civil Engineering, Bucharest, Romania
- 12:15 - 12:45 **Final discussion**
- 12:45 - 13:30 **Closing Session**
- Chair: Manfred Horvat, Conference Coordinator, Technische Universitaet Wien, Austria**
- 12:45 - 12:55 **Conference conclusions**
Philippe Courtier, President, University of Technology of Compiègne (UTC)
- 12:55 - 13:10 **Outlook to the 40th Conference in 2020**
Sabine Seidler, Rector, Technische Universitaet Wien, Austria
- 13:10 - 13:15 **Conference closing**
Manfred Horvat, Conference Coordinator, Technische Universitaet Wien , Austria
- 13:15 -14:00 **Light buffet lunch**
Bus Pick-up to social programme: Excursion and informal farewell dinner (details see below)

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Rectors and Presidents of
European Universities of Technology**

Locations of the Conference Sessions:

September 18th and 19th, 2020

University of Technology of Compiègne (UTC)
Rue du docteur Schweitzer CS 60319,
60203 Compiègne Cedex France, France

Social Programme on September 18th and 19th, 2020:

September 18th, 2020

Morning Programme:

9:30 - 10:00 Transfer to Conference site
10:00 - 12:30: Innovation Centre tour, lab visits

Accompanying persons' afternoon programme: TBD

14:00: Departure by bus from the Conference site

**Conference gala dinner
Salle Saint Nicolas, Compiègne city centre**

September 19h, 2020

**Post-Conference Excursion for
Conference participants and accompanying persons: TBD**

14:00: Departure from Conference site
Visit to La Clairière d'armistice
19:30 Informal farewell dinner
Restaurant "l'Atelier d'Yves",
70/B Rue Pont Neuf, 60280 Margny-les-Compiègne, Compiègne

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Registration

On-line registration via the conference website:

<http://www.crp-eut.org/>
<http://www.crp-eut.org/index.php?file=insert.php>

Hotels in Compiègne

Aiden by Best Western T'aim Hotel, 70A Pont Neuf, 60280 Compiègne
700m du centre (à partir de 103 euros).

<https://www.bestwestern.fr/fr/hotel-Margny-Les-Compiègne-Aiden-by-Best-Western-a-T-aim-93857>.

Hostellerie Du Royal Lieu, 9 Rue De Senlis, 60200 Compiègne, 2.9 km du centre
(à partir de 102 euros) - <http://www.host-royallieu.com/fr/index.php>

Best Western Les Beaux Arts ****, 33 Cours Guynemer, 60200 Compiègne – 250m du centre
(à partir de 87 euros)

<https://www.bestwestern.fr/fr/hotel-Compiègne-Best-Western-Hotel-Les-Beaux-Arts-93417>

Participants are asked to reserve their rooms by themselves.
Under the code “UTC crp2020”, the hotels will offer reduced room rates.

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2020 Conference Host:

Prof. Philippe Courtier
President

University of Technology of Compiègne (UTC), France

2020 Conference Secretariat at UTC:

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