

**YOU ARE CORDIALLY INVITED TO
THIS YEAR'S HIGH LEVEL EVENT**

ENGINEERING (FOR) EUROPE'S FUTURE

**THURSDAY
12 DECEMBER 2019
17.30 TO 20.00**

FOLLOWED BY A NETWORKING RECEPTION

TownHall Europe, Brussels

Square de Meeûs 5, 1000 Bruxelles

With its political leadership and policy priorities under review, Europe is at a crossroads in 2019. Pushing the frontiers of scientific knowledge and moderating technological progress is crucial to finding sustainable solutions to the major challenges which society is facing today.

Education is key to fostering a future generation that can promote the smart, sustainable and socially acceptable use of new technologies. Recognising the role of young talent, the Commission president-elect gave a strong signal in the right direction when she recently unveiling her plans to bring education, research and innovation under one roof.

Coinciding with the arrival of the new Commissioners and the EU's discussion on future policy priorities, our event will stimulate a timely debate on the potential of future engineering science and education - and the implications for European policies and programmes.

17.30 Registration and Welcome Drinks

18.00 Dialogue

- **Andreas Goll Rossau**, Vice President of Polyteknisk Forening Student Union, Technical University of Denmark
- **Thomas F. Hofmann**, President of Technical University of Munich and the EuroTech Universities Alliance

Interactive high-level panel debate with

- **Marie-Noëlle Semeria**, Senior Vice President & Group CTO, Total
- **Pierre Dillenbourg**, Full Professor Computer-Human Interaction Lab for learning and instruction, Ecole Polytechnique Fédérale de Lausanne, Manager of EdTechCollider
- **Yvonne de Kort**, Full Professor and Chair of Environmental Psychology of Human-Technology Interaction, Eindhoven University of Technology
- **Uri Sivan**, Incoming President of Technion - Israel Institute of Technology
- **High-Level EU speaker from the intersection of education, skills and R&I** (tbc)

20.00 Networking Reception and Showcase of successful student teams

YVONNE DE KORT

PROFESSOR, TU/E



Prof.dr.ir. Yvonne de Kort is full professor of environmental psychology in the Human-Technology Interaction group and vice dean of the department of Industrial Engineering and Innovation Sciences at Eindhoven University of Technology, the Netherlands. With her group, she investigates effects of lighting conditions on vigilance, vitality, and behaviour, combining psychology, chronobiology, engineering and neuroscience. Yvonne manages the interdepartmental Sound Lighting research programme in TU/e's Intelligent Lighting Institute and the Mental Health programme in TU/e's Centre for Humans and Technology. She coordinates national and European projects, among which a recently acquired European Training Network under the Marie Skłodowska-Curie ITN framework.

PIERRE DILLENBOURG

PROFESSOR, EPFL



A former elementary school teacher, Pierre Dillenbourg started his research on learning technologies in 1984, obtaining his PhD in the field of AI applications for education. In 2002, he joined EPFL where he has been academic director of the Center for Digital Education, which implements EPFL's MOOC strategy (over 2 million registrations). He is full professor in learning technologies at the School of Computer & Communication Sciences, heading the Lab "Computer-Human Interaction for Learning & Instruction". He is director of DUAL-T, which develops technologies for dual vocational education systems. In 2017, Dillenbourg launched the Swiss EdTech Collider, an incubator for start-ups in learning technologies. In 2018, he co-founded LEARN, the EPFL Centre of Learning Sciences.

ANDREAS GOLL ROSSAU

VICE-PRESIDENT, PF, DTU



Coming from a small town in the middle of nowhere and studying software engineering, politics were not high on the list of things that Andreas Goll Rossau expected to do in his life. Starting his studies at the Technical University of Denmark (DTU), however, he quickly became involved in the student association there, Polyteknisk Forening (PF). Having discovered a new passion, he was elected Vice-President of PF in 2018. His responsibilities at PF include national political matters, international cooperation and international students at DTU. Andreas Goll Rossau also sits on the board of the National Union of Students in Denmark (DSF).

THOMAS F. HOFMANN

PRESIDENT, TUM



Following his studies in food chemistry in Erlangen-Nuremberg, Thomas F. Hofmann completed his doctorate and postdoctoral studies at the Technical University of Munich (TUM). After becoming deputy director of the German Research Center for Food Chemistry in 1999, he was appointed Chair of Food Chemistry at the University of Münster in 2002. In 2007, he returned to TUM as full professor of Food Chemistry and Molecular Sensory Science. He coordinated the Knowledge & Innovation Community EIT FOOD of the European Institute of Technology in 2016 and, has been member of its Board since 2017. In 2017, he was appointed director of the new Leibniz-Institute for Food Systems Biology. From 2009 to 2019, he served as Senior Vice President Research & Innovation. Since October 2019, he has been president of TUM.

SEAN KLEIN

MODERATOR



Sean Klein is a media professional. After more than twenty years as a senior journalist with the BBC - with particular focus on European and EU issues - he founded SeanKlein Media Ltd. He specialises in broadcast media communications; on-air performance coaching; media strategy; event moderation and content; and crisis management. He is also a qualified linguist (French, German, Italian).

Sean has worked on projects for various EU DGs, international think tanks, not-for-profit foundations and in the commercial sector in different parts of the world. Sean brings team management and motivational skills and a high degree of professionalism to all his assignments.

MARIE-NOËLLE SEMERIA

CTO, TOTAL



Marie-Noëlle Semeria is Chief Technology Officer of Total, leading all technological strategy, policy and implementation for one of France's largest corporations & a major global player in energy and innovation.

Dr. Semeria previously served as CEO of CEA-Leti & President of the Network of Carnot Institutes, two of the world's leading high-tech research organizations. Her professional experience spanned a range of technology advances, from major industry and startups to public research and education.

She also served as board member for prestigious French & European scientific and technology organizations. Awarded the French Legion of Honor (2011) & the Order of Merit (2015), Semeria has been recognized not only for her professional accomplishments, but for contributions to developing scientific and technical frameworks that help serve society.

URI SIVAN

PRESIDENT, TECHNION



Prof. Sivan joined Technion's Physics Department in 1991, after three years at IBM T. J. Watson Research Center in the US. His early scientific career focused on the physics of miniature electronic devices. His interest later shifted to the interface between nanotechnology, physics and biology. Sivan's scientific achievements have been internationally recognized and his studies resulted in several tech transfers to industry, incl. a startup developing tools for analysis of cancer cells.

Sivan served as founding director of Technion's Russell Berrie Nanotechnology Institute. Two years ago, he established Israel's academic programme in quantum science. Deeply interested in science education, Sivan led the "Science for All" programme for high school students. Sivan has been President of the Technion since October 2019.

NIKLAS NIENASS

Member of European Parliament



Born in 1992 in Marl and living in Mecklenburg-Western Pomerania since 2013, Niklas Nienass describes himself as child of the German reunification and as European. Since July 2019 he is Member of the European Parliament for Alliance 90/The Greens. Nienass is coordinator for the group in the Committee on Regional Development and member in the Committee on Culture and Education. Moreover, he is member of the parliamentary delegations for Albania as well as Central Asia and Mongolia. In addition, he belongs to the European Parliament's „Spinelli Group“, a group of pro-European Members of the European Parliament from various political groups.

ABOUT THE EUROTECH UNIVERSITIES ALLIANCE

The EuroTech Universities Alliance is a strategic partnership of leading European universities of science and technology committed to excellence in research and jointly developing solutions to the key challenges faced by society. The Alliance combines the complementary strengths of its partner universities to jointly achieve multi-scale initiatives of high impact to society and to industry. It engages with all societal actors to raise awareness of the opportunities offered by science and technology.

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