

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

UNIVERSITY ALLIANCES – MODERNIZATION. EXCELLENCE. SOCIETAL IMPACT.

TUESDAY 6 NOVEMBER 2018 17.30 TO 20.00

FOLLOWED BY A NETWORKING RECEPTION

THE REPRESENTATION OF THE FREE STATE
OF BAVARIA TO THE EUROPEAN UNION

RUE WIERTZ 77, B-1000 BRUSSELS

NEXT TO THE EUROPEAN PARLIAMENT

To address the changing role of universities in society, initiatives need to be embraced in support of e.g. Open Science, interdisciplinarity, innovative education, entrepreneurship and collaboration with industry.

As part of the EuroTech Universities Alliance's mission to address major societal challenges by connecting innovation ecosystems across borders, the EuroTech partners are at the forefront of promoting modernization, excellence and societal impact.

With Horizon Europe and the Modernization of European Higher Education high on the agenda, the event will stimulate a high-level debate on the opportunities and challenges the "university of the future" is facing – and what this means for future EU policies and programmes.

Programme:

17.30 Registration and welcome drink. Interactive demonstration of projects illustrating the modernization agenda.

18.00 High-level interview, scientific pitches and high-level panel discussion (including Q & A with audience)

20.00 Networking reception and demonstration

Event hashtag:
#EuroTechModel

[Register here](#)

Moderated by:

SEAN KLEIN

SeanKleinMedia,
former BBC bureau
chief for Europe

With the participation of:

JEAN-ERIC PAQUET Director-General for Research & Innovation, European Commission

THEMIS CHRIS-TOPHIDOU Director-General for Education, Youth, Sport & Culture, European Commission

PATRICIA REILLY Deputy Head of Cabinet, Commissioner Tibor Navracscis

WOLFGANG A. HERRMANN President of Technical University of Munich, Founding President of the Alliance

ERIC LABAYE President of École Polytechnique, new-coming President to the Alliance

JAN MENGELERS President of the EuroTech Universities Alliance and Eindhoven University of Technology

BARBARA SCHRETTNER Director of the Representation of the Free State of Bavaria to the EU

FRANÇOIS ALOUGES Professor of Applied Mathematics, École Polytechnique

KATRIN BEYER Associate Professor of Earthquake Engineering and Chair of Open Science Committee, École Polytechnique Fédérale de Lausanne

JES BROENG Professor of Photonics and Founding Director of DTU Entrepreneurship

SAMI HADDADIN Professor and Director of Munich School of Robotics and Machine Intelligence, Technical University of Munich

THIERRY RAYNA Professor of Innovation Management, École Polytechnique

MAIJKE RECEVEUR Chief Growth at Lightyear

JEAN-ERIC PAQUET

Director-General for Research & Innovation, European Commission



Jean-Eric Paquet has been Director-General for Research and Innovation since April 2018. His career started in the European Commission in 1993 at DG Transport. In 1999, he joined the office of G. Verheugen, former Commissioner for Enlargement. In 2002, he became Deputy Head of Cabinet of P. Busquin, former Commissioner for Research. Mr Paquet

was EU Ambassador in Mauritania between 2004 and 2007. In 2007, he led the Trans-European Transport Network policy and joined DG Enlargement in 2013.

In 2015, he was appointed Deputy Secretary-General of the European Commission in charge of Policy Coordination and Better Regulation.

THEMIS CHRISTOPHIDOU

Director-General for Education, Youth, Sport & Culture, European Commission



Themis Christophidou became the European Commission's Director-General for education, youth, sport and culture in March 2018. Following various positions in the DG for regional and urban policy, she worked as Deputy Head of Cabinet of Androulla Vassiliou, Commissioner for education, culture, multilingualism, youth and sport from 2010 to 2011.

From 2011 to 2014, she was Head of Cabinet of Maria Damanaki, Commissioner for maritime affairs and fisheries, and from 2014 to 2018, she headed the Cabinet of Christos Stylianides, Commissioner for humanitarian aid and crisis management. Themis is an alumna of the civil engineering school of Athens Polytechnic Metsovio.

PATRICIA REILLY

Deputy Head of Cabinet, Commissioner Tibor Navracsics



Patricia Reilly qualified as veterinarian from University College Dublin, and worked in clinical practice until 2001, when she joined the Irish Department of Agriculture, Fisheries & Food. In 2004 she became Ireland's first Agricultural Attaché to Poland, returning to a veterinary management position in Dublin in 2008. Patricia was member of Cabinet of EU Commissioner

for Research & Innovation Geoghegan-Quinn (2010-2014), and is now Deputy Head of Cabinet for Commissioner Navracsics (Education, Culture, Youth & Sport).

Patricia is a graduate of the Honorable Society of the King's Inns, Dublin, and holds an MSc in European Food Regulation and a post-graduate Diploma in European Law.

WOLFGANG A. HERRMANN

President of Technical University of Munich, Founding President of the Alliance



Wolfgang A. Herrmann is one of the most highly-cited German researchers in chemistry on the international stage.

He took over the TUM Chair of Inorganic Chemistry from Professor E.O. Fischer in 1985 and has been President of TUM since 1995. Since then he has been a driver of reforms to modernize the university and

his educational policy initiatives have made an impact throughout Germany's higher education system. He is winner of the Leibniz Prize (1987) and many other awards, including "President of the Year" from the German Association of University Professors and Lecturers (2012). Between 2008 and 2014, he was member of the EIT Governing Board.

ERIC LABAYE

President of École Polytechnique, new-coming President to the Alliance



Prior to becoming President of École Polytechnique (LX) in September 2018, Eric Labaye was Senior Partner of McKinsey & Company in Paris.

He led research projects with the McKinsey Global Institute in the fields of economic development, education, productivity, digital transformation, the future of Europe,

as well as the "Women Matter" research programme. Involved in higher education for more than 15 years, he is a member of the Board of Telecom ParisTech, the International Advisory Board of ESSEC, and the Advisory Board of Science Po's School of Public Affairs. Eric Labaye is a graduate of LX and Telecom ParisTech and holds an MBA with distinction from INSEAD.

JAN MENGELERS

President of the EuroTech Universities Alliance and President of Eindhoven University of Technology



Jan Mengelers has been Chairman of the Executive Board of Eindhoven University of Technology since 2014.

He gained his title in mechanical engineering at TU/e in 1979. Directly after, he was a researcher at the Dutch Energy Research Centre and at Philips Research Laboratories. From 1984 to 1997, he held several

positions at Nedcar, including as Managing Director, Product Design & Engineering. From 1997 to 2001, Jan Mengelers was President & CEO of Neways Electronics International. From 2001 to 2014, he was with TNO (Netherlands Organisation for Applied Scientific Research), where he was appointed as Chairman of the Board of Management on 1 April 2008.

FRANÇOIS ALOUGES

Professor of Applied Mathematics, École Polytechnique



François Alouges is a former student of École Normale Supérieure of Saint-Cloud. He studied applied mathematics and more specifically Numerical Analysis. Having defended his PhD in 1990, he obtained a position as researcher at CNRS and became Professor at Orsay university in 2000. In 2008, he moved to École

Polytechnique. Passionate about links between academia and industry, he aims to promote applied mathematics as a bridge between scientists and industry representatives. His current research themes are 3D audio, bacterial swimming and magnetism at the micro-scale.

KATRIN BEYER

Associate Professor of Earthquake Engineering and Chair of Open Science Committee, École Polytechnique Fédérale de Lausanne



Katrin Beyer joined EPFL in 2010 and leads the Earthquake Engineering and Structural Dynamics Laboratory (EESD).

She became the first female faculty member in civil engineering at EPFL and was nominated Associated Professor in Structural Engineering in 2017. Her research interest comprises the seismic response of reinforced concrete walls

and of unreinforced masonry structures. Her research successes have allowed Katrin to deliver keynote and invited lectures at large international conferences (ECEE 2014, WCEE 2017, SMAR 2017). In 2018, she was nominated as youngest member and only second woman to the executive board of the European Association for Earthquake Engineering.

JES BROENG

Professor of Photonics and Founding Director of DTU Entrepreneurship



Jes Broeng is a serial high-tech entrepreneur and professor at the Technical University of Denmark. He is author and co-author of more than 200 publications (Science), 1 textbook, and 18 patents (h-index = 44, +10.000 citations).

Jes Broeng's research interests include business and leadership; entrepreneurship, innovation and technology transfer,

and scientific areas of optics. He has extensive experience in applied research, early high-tech business development, technology transfer, and high-tech sales. Jes is co-founder of five start-ups: Crystal Fibre (now NKT Photonics), Norlase, Bifrost Communications, Aqubiq and OSAA Innovation – and he has pioneered a new model for successful university spin-outs.

SAMI HADDADIN

Professor and Director of Munich School of Robotics and Machine Intelligence, Technical University of Munich



Sami Haddadin is Director of the Munich School of Robotics and Machine Intelligence at the Technical University of Munich and holds the Chair of Robotics Science and System Intelligence. He is considered one of the world's leading researchers in his field.

His research interests include intelligent robot design, robot learning, collective

intelligence, human-robot interaction, optimal control and robot safety. The engineer and computer scientist has written more than 130 scientific articles and received numerous prestigious international prizes and awards. Among other things, he received the IEEE/RAS Early Career Award, the Alfried Krupp Prize and the German Future Prize of the German President.

THIERRY RAYNA

Professor of Innovation Management, École Polytechnique



Thierry Rayna, PhD, is Professor of Innovation Management at École Polytechnique and a fellow of the CNRS Innovation Interdisciplinary Institute (i3). Before joining I'X in 2017, he spent most of his career in the U.K., at institutions such as the University of Cambridge, UCL, the LSE and Imperial College London. His research investigates the changes brought about by

digital technologies (e.g. 3D printing/Additive Manufacturing, IoT, IA, blockchain) on markets, strategies, business models, and innovation ecosystems. Thierry Rayna has served as an advisor to governmental and non-governmental institutions, and he helps companies—multinationals and start-ups alike—leverage digital disruption.

MAIJKE RECEVEUR

Chief Growth at Lightyear



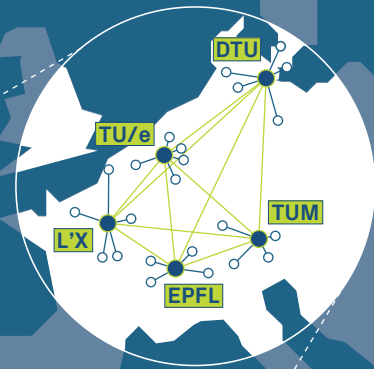
Maijke Receveur is Chief Growth at the Dutch start-up Lightyear which develops an electrical car that charges itself. Maijke makes sure the company can grow in a sustainable manner with respect to culture, processes, and people. Maijke studied Innovation Management at TU/e with a focus on increasing innovative strength.

As intrapreneur for Sure Innovation, a TU/e company which links TU/e's high potential master students to high-tech companies, she worked on research projects for medium to large sized companies. Maijke gets inspired by creating economic value that also creates value for society by addressing its needs and challenges.

UNIVERSITY ALLIANCES

The EuroTech Universities Alliance is a strategic partnership of leading universities of science and technology, committed to finding solutions to grand societal challenges.

Through the Alliance, they combine their research strengths and connect their innovation ecosystems, contributing to Europe's leadership in technology.



COLLABORATION WITH INDUSTRY

ENTREPRENEURSHIP

EUROTECH COLLABORATION

STUDENT EXCHANGE, JOINT PROGRAMMES

PHD COURSES, JOINT SUPERVISION, SUMMER SCHOOLS, RESEARCH STAYS

EUROTECH POSTDOC FELLOWSHIP PROGRAMME

TENURE TRACK & FACULTY

OPEN SCIENCE

INNOVATIVE EDUCATION

INTERDISCIPLINARITY

**MODERNIZATION.
EXCELLENCE.
SOCIETAL IMPACT.**

TECHNOLOGIST – INNOVATION. EXPLAINED.

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A flagship initiative of the Alliance, Technologist showcases the best and most exciting research and innovation from Europe. With stories written by independent journalists and infographics developed by award-winning graphic designers, Technologist promotes debate on the role of science in Europe.