



EUROPEAN
FORUM
ALPBACH



AUSTRIAN INSTITUTE
OF TECHNOLOGY



ÖSTERREICH 1

TECHNOLOGY SYMPOSIUM

#EFAtec

Fundamentals
August 27– 29, 2020

As of: August 25, 2020

EUROPEAN FORUM ALPBACH 2020 TECHNOLOGY SYMPOSIUM

Fundamentals

August 27 to 29, 2020, Alpbach/Tyrol

Preliminary programme

Organizers:

AIT Austrian Institute of Technology GmbH
Austrian Broadcasting Corporation – Programme Radio 1

in cooperation with and sponsored by

Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility,
Innovation and Technology
Austrian Federal Ministry for Digital and Economic Affairs
Austrian Federal Ministry of Education, Science and Research

Industrial partner:

Federation of Austrian Industries

Scientific partner:

Helmholtz-Gemeinschaft Deutscher Forschungszentren

Media partners:

Die Presse

Information Technology partner:

APA

Please find regular updates of this programme on:

www.ait.ac.at/efatec20

As of Aug. 25, 2020

The event is being supported by the following institutions:

ARTTEC – the art programme of AIT in cooperation with University of Applied
Arts Vienna
Austrian Federal Ministry of Defence
Climate and Energy Fund
Falling Walls Foundation gGmbH
Forschung Austria
ITG Innovations- und Technologietransfer Salzburg GmbH
Joanneum Research Forschungsgesellschaft mbH
The Province of Lower Austria
TU Austria
VFFI/Federation of Austrian Industries
Virtual Vehicle Research GmbH

as well as:

AT&S Austria Technologie & Systemtechnik AG
Austrian Patent Office

PROGRAMME

THURSDAY, AUGUST 27, 2020

13.00

Presentation of plenary sessions

Andreas Jäger

Moderator and Journalist, Austrian Broadcasting Corporation, Vienna

Plenary session

Welcome and opening

Artistic prelude – ARTTEC

“Fundamental CHANGE. RADICAL innovation”

In cooperation with University of Applied Arts Vienna

Franz Fischler

President, European Forum Alpbach, Vienna

Wolfgang Knoll

Scientific Managing Director, AIT Austrian Institute of Technology GmbH,
Vienna

13.20

Plenary session

RTI Talk

Live session from the APA Press Center, Vienna

At the opening session of the Technology Symposium, the summit of Austria’s research, technology and innovation community, leading representatives from the relevant institutions will discuss how Austria can become an “Innovation Leader” in Europe and make the location fit for the future.

Chair: Gerald Groß

Managing Director, gross:media e.U., Vienna

Hannes Androsch

Industrialist; Chairman of the Board, AIT Austrian Institute of Technology GmbH; Chairman, Austrian Council for Research and Technology Development, Vienna

Heinz Fassmann

Austrian Federal Minister of Education, Science and Research, Vienna

Leonore Gewessler

Austrian Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Georg Knill

President, The Federation of Austrian Industries, Vienna

Margarete Schramböck

Austrian Federal Minister for Digital and Economic Affairs, Vienna

14.30

Plenary session

Building a trustworthy economy

Recorded video, followed by live interview

In the past few years, a lot of data breaches have hit the headlines, leading to an enormous erosion of trust. How can we build economic systems that are fair for all segments of society?

Chair: Andreas Jäger

Moderator and Journalist, Austrian Broadcasting Corporation, Vienna

Alex 'Sandy' Pentland

Professor of Media Arts and Sciences, Toshiba Professor, Media Lab; Entrepreneurship Program Director, MIT Media Lab, Cambridge/Massachusetts

14.30

Breakout Session 1 (live from Congress Centrum Alpbach)

15.00

Plenary session

A new policy for technology, innovation and industry

Live session from the APA Press Center, Vienna

There is an increasing debate in Europe about a renewed industrial policy. How can European industries hold their own in an increasingly fierce global competition while also addressing current challenges? With our guest we will discuss new approaches to European industrial policies.

Chair: Ludovit Garzik

Managing Director, Austrian Council for Research and Technology Development, Vienna

Hannes Androsch

Industrialist; Chairman of the Board, AIT Austrian Institute of Technology GmbH; Chairman, Austrian Council for Research and Technology Development, Vienna

Sabine Herlitschka

Chief Executive Officer, Infineon Technologies Austria AG, Villach; Member, Austrian Council for Research and Technology Development, Vienna

Kerstin Jorna

Director-General, Directorate-General for Internal Market, Industry,
Entrepreneurship and SMEs (GROW), European Commission, Brussels

Eva Stejskalová

Managing Director, MicroStep, spol. s.r.o.; Member of the Horizon 2020 High-
level Strategy Group on Industrial Technologies

Plenary session in cooperation with Austrian Council for Research and
Technology Development

16.30

TU Austria Innovation Marathon

Virtual session

Watch the teams working on their projects

17.00

Plenary session

Tickets to Berlin: Summer School on Entrepreneurship

Live session from Congress Centrum Alpbach

Young entrepreneurs have precisely three minutes to convince
the Alpbach audience of their innovative ideas and business
projects. The prize is two tickets for the renowned Falling Walls
Conference in Berlin in November. Falling Walls promotes
visionary ideas and connects creative minds.

Chair: Philipp Marxgut

Secretary General, Complexity Science Hub Vienna

Co-Chair: Klara Brandstätter

Managing Director, I.E.C.T – Hermann Hauser Management GmbH, Innsbruck

FRIDAY, AUGUST 28, 2020

8.50

**Presentation of plenary sessions
Live from Congress Centrum Alpbach**

Andreas Jäger

Moderator and Journalist, Austrian Broadcasting Corporation, Vienna

9.00

Breakout Session 5 (live from APA Press Center, Vienna)

9.00

Breakout Session 6 (live from Congress Centrum Alpbach)

9.00

Breakout Session 10 (live from Congress Centrum Alpbach)

9.30

Plenary session

**Climate and the environment – European perspectives
Live session from Congress Centrum Alpbach**

The developments in connection with SARS-CoV-2 have somewhat overshadowed the topic of climate change. With its ambitious European Green Deal the European Commission is trying to address the situation. We will examine this complex from a European perspective and present options for dealing with it.

Chair: Otmar D. Wiestler

President, Helmholtz-Gemeinschaft Deutscher Forschungszentren, Berlin

Pascale Ehrenfreund

Professor of Space Policy, Space Policy Institute, George Washington University; President, International Astronautical Federation, Paris

Leonore Gewessler

Austrian Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Christian Haas

Head, Sea Ice Physics Division Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Bremerhaven

Martin Visbeck

Head, Physical Oceanography, GEOMAR Helmholtz-Centre for Ocean Research, Kiel

Plenary session in cooperation with Helmholtz-Gemeinschaft Deutscher Forschungszentren

- 11.30 **Plenary session**
Living with AI – Opportunities and challenges for society
Live session from Congress Centrum Alpbach
 Artificial intelligence (AI) will become the key technology for dramatic change processes in the next 30 years. Research on the development of AI is driven by scientific and political ambitions, accompanied by great hopes and fears. What does it mean to live and work with such a form of intelligence?
- Chair:** Andreas Jäger
 Moderator and Journalist, Austrian Broadcasting Corporation, Vienna
- Gerald Bast
 President, University of Applied Arts, Vienna
- Anab Jain
 Professor of Industrial Design, University of Applied Arts, Vienna
- Gabriele Kotsis
 Professor of Computer Science, Johannes Kepler University, Linz
- Plenary session in cooperation with University of Applied Arts, Vienna
- 11.30 Breakout Session 3 (live from APA Press Center)
 11.30 Breakout Session 7 (live from Congress Centrum Alpbach)
 11.30 Breakout Session 8 (live from Congress Centrum Alpbach)
 11.30 Breakout Session 12 (live from Congress Centrum Alpbach)
- 14.00 **TU Austria Innovation Marathon**
Virtual session
 24 hours of product development: 5 tasks, 10 teams, participating from all over the world and collaborating online to solve challenging tasks given by enterprises. In this plenary session, the solutions and the challenging way to get there will be presented.
- Chair:** Mario Fallast
 Project Manager, TU Austria Innovation Marathon, Graz University of Technology, Graz
- Introduction:** N.N.
 Federation of Austrian Industries, Vienna
- 14.00 Breakout Session 2 (live from Congress Centrum Alpbach)
 14.00 Breakout Session 4 (live from Congress Centrum Alpbach)
 14.00 Breakout Session 9 (live from Congress Centrum Alpbach)

- 14.00 **Career lounge for students and young professionals**
Virtual session
Networking for (aspiring) young high potentials with top-level representatives from research and economy.

Organized in cooperation with Club Alpbach Südtirol Alto Adige
- 15.30 **Plenary session**
Complexity science – Corona and the consequences
Live session from the APA Press Center, Vienna
The COVID-19 pandemic has taken hold of our world. It is far more than a health crisis, affecting societies and economies at their core. Uncertainty is high. We will discuss the consequences of the crisis from different angles, focusing on approaches that can help manage it and inform policy makers.

Chair: Helga Nowotny
Member, Austrian Council for Research and Technology Development, Vienna;
Former President, ERC European Research Council

Vittoria Colizza
Research Director, INSERM and University of Sorbonne, Faculty of Medicine, Paris

Ricardo Hausmann
Rafik Hariri Professor of the Practice of International Political Economy;
Director, Growth Lab, John F. Kennedy School of Government, Harvard University, Cambridge/Massachusetts

Dirk Helbing
Professor of Computational Social Science, Department of Humanities, Social and Political Sciences; Affiliate, Computer Science Department, ETH Zurich

Stefan Thurner
Professor and Head, Section for Science of Complex Systems, Medical University of Vienna; President, Complexity Science Hub Vienna

Plenary session in cooperation with Complexity Science Hub Vienna
- 16.30 BOS 11 (live from Congress Centrum Alpbach)
- 18.30 **Plenary session**
Closing keynote

Wolfgang Knoll
Scientific Managing Director, AIT Austrian Institute of Technology GmbH, Vienna

SATURDAY, AUGUST 29, 2020

- 9.00 **On demand**
Watch the Plenary and Breakout Sessions of the past two days
again
- 14.00 End of event

BREAKOUT SESSIONS

BREAKOUT SESSION 1

Life Sciences – potentials and limitations

(supported by Austrian Federal Ministry for Digital and Economic Affairs)

Can every problem be resolved by research? Do our policies address the most relevant research? What is the impact of research on competitiveness and economic resilience? The session will deal with the development of innovations and the socio-political aspects of research in the Life Sciences.

Chair: Florian Frauscher

Head of Directorate Business Location, Innovation and Internationalization,
Austrian Federal Ministry for Digital and Economic Affairs, Vienna

Matthias Beck

Professor for Moral Theology, Department of Systematic Theology and Ethics,
University of Vienna

Henrietta Egerth

Managing Director, FFG Austrian Research Promotion Agency, Vienna

Sylvia Knapp

Professor of Infection Biology, Medical University Vienna; Principal Investigator,
Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna

Michael Kocher

Country President, Novartis Austria GmbH, Vienna

Karl Stöger

Professor of Public Law, University of Graz; (as of Oct. 1, 2020) Professor of
Medical Law, University of Vienna

Erich Tauber

CEO, Themis Bioscience GmbH, a wholly owned subsidiary of Merck & Co.,
Inc., Kenilworth, New Jersey

Coordination: Gabriele Schmid

Department of Key Technologies, Austrian Federal Ministry for Digital and
Economic Affairs, Vienna

BREAKOUT SESSION 2

Water, the origin of life

(supported by ecoplus)

Do we handle this valuable with care? Water is not only a fundamental aspect of life but has become a critical economic factor. In Austria, water is delivered to our doorsteps at the highest quality at low cost. We take for granted that water is available in unlimited supply, safe and inexpensive.

Chair: Claus Zeppelzauer

Head of Department, Company and Technology, ecoplus. The Business Agency of Lower Austria, St. Pölten

Introductory statement: Jochen Danninger

Member of the Provincial Government of Lower Austria for Economic Affairs, Tourism, Technology and Sports, St. Pölten

Martin Brandl

Head of Center for Water and Environmental Sensors, Department for Integrated Sensor Systems, Danube University Krems

Franz Dinhobl

Managing Director, EVN Water, Maria Enzersdorf; President, Österreichische Vereinigung für das Gas- und Wasserfach (Austrian Association for Gas and Water)

Andreas Farnleitner

Head, Division Water Quality and Health, Karl Landsteiner University, Krems; FG Environmental Microbiology and Molecular Diagnostics, Vienna University of Technology, Vienna

Martin Kainz

Group Leader Water Ecology, Water Cluster Lunz Biological Station GmbH, Lunz am See

Regina Sommer

Head, Unit Water Hygiene, Institute of Hygiene and Applied Immunology (CePII), Medical University, Vienna

Coordination: Karin Herzog

Assistant to the Department and Project Manager, Company and Technology, ecoplus. The Business Agency of Lower Austria, St. Pölten

BREAKOUT SESSION 3

Responsibility. Production. Europe

(supported by VFFI)

Today's prosperity is fundamentally grounded in research, technology and innovation. But what about Europe's future as a production location? How can we combine high standards in environmental, health and social sectors with competitiveness and sovereignty also in the future?

Chair: Isabella Meran-Waldstein

Head, Department Research, Technology & Innovation, Federation of Austrian Industry, Vienna

Presentation: Manuela Raidl

Journalist, Puls 4 Network, Vienna

Markus J. Beyrer

Director General, BusinessEurope, Brussels

Georg Kopetz

Co-Founder, CEO and Member of the Executive Board, TTTech, Vienna

Lars Nagel

Chief Executive Officer, International Data Spaces Association, Dortmund

Sabine Seidler

Rector, Vienna University of Technology, Vienna

Stephan Sielaff

CTO, Lenzing AG, Lenzing

Michael Wiesmüller

Head, Department Key Technologies for Industrial Innovation: ICT, Production and Nanotechnology, Austrian Federal Ministry of Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Coordination: Petra Schefzig

Expert for Research, Technology and Innovation Policies, Federation of Austrian Industries, Vienna

BREAKOUT SESSION 4

Feeding the city – or is the city feeding you? (in English)

(supported by Climate and Energy Fund)

Increasing urbanization in times of climate change puts cities all over the world to the test. In order to guarantee the security of supply, public and private players are called upon to find innovative ways to supply citizens with food. But is an 'edible city' a realistic scenario for the future?

Chair: Theresia Vogel

Managing Director, Climate and Energy Fund, Vienna

Presentation: Friederike Leibl-Bürger

Managing Editor, Die Presse, Vienna

Janine Bex

Local Councillor, The Greens, Innsbruck

Adam Curtis

Interim CEO and Director of Research, Nabolagshager, Oslo

Christine Ehrenhuber

Senior Project Manager, tatwort Nachhaltige Projekte GmbH, Vienna

Tobias Judmaier

Chief Executive Officer & Founder, Iss Mich! Bio Catering, Vienna

Daniel Podmirseg

Head and Founder, Vertical Farm Institute, Vienna

Robin Simsa

Founder, Legendary Vish, Vienna

Christoph Thomann

Founder and CEO, ZIRP Insects GmbH, Vienna

Coordination: Katja Hoyer

Public Relations Manager, Climate and Energy Fund, Vienna

BREAKOUT SESSION 5

The Return on Investment – excellence and relevance in science and research (in English)

(supported by Austrian Federal Ministry of Education, Science and Research)

Novel insights in science are like truffle: difficult to plan for. But calls for impact get ever louder. This session by BMBWF and FWF will address assumed contradictions between academic freedom and return on investment and the interplay between excellence and relevance.

Chair: Klement Tockner

President, FWF – Austrian Science Fund, Vienna

Introduction: Barbara Weitgruber

Director-General, Scientific Research and International Relations, Austrian Federal Ministry of Education, Science and Research, Vienna

Eva Maria Binder

Director of Executive Board, Erber Group, Tulln

Jean-Pierre Bourguignon

Interim President, European Research Council, Brussels

Tan Eng Chye

President, National University of Singapore

Merle Jacob

Director of Third Cycle Studies, Department of Business Administration, Lund University, Lund

James Wilsdon

Digital Science Professor of Research Policy; Director, Research on Research Institute, Department of Politics, University of Sheffield

Coordination: Patrick Svensson-Jajko

Advisor, Directorate General for Scientific Research and International Relations, Austrian Federal Ministry of Education, Science and Research, Vienna

BREAKOUT SESSION 6

Future mobility – ecological, economic and social value solutions (in English)

(supported by Virtual Vehicle Research GmbH)

It isn't technology leadership, but value opportunities sensibly captured that makes mobility concepts future proven. This enables mobility to fulfil its underlying human need as well as economic constraints without compromising further on climate goals and resource scarcity in the future.

Chair: Jost Bernasch

Managing Director, Virtual Vehicle Research GmbH, Graz

Niels de Boer

Programme Director Future Mobility Solutions (Autonomous Vehicles), Energy Research Institute, Nanyang Technological University, Singapore

Michael Holzner

Founder and Managing Director, iCONDU GmbH, Ingolstadt

Mark Topal-Gökceli

Head of Rail Systems & Technology (CTO), ÖBB Holding AG, Vienna

Coordination: Aldo Ofenheimer

Head of OBD, Virtual Vehicle Research GmbH, Graz

BREAKOUT SESSION 7

Research in times of crisis: which benefits can applied research contribute?

(supported by Forschung Austria)

We will discuss the role of applied research *before* (e.g. foresight studies), *during* (e.g. vaccine research) and *after* (e.g. acceleration of change) crises. Can crises and challenges lead to more sustainable societies and economies and how can research, technology and innovation contribute to this?

Chair: Siegfried Reich

Managing Director and Head of Research, Salzburg Research
Forschungsgesellschaft mbH, Salzburg

Iris Filzwieser

Managing Director, METTOP GmbH; President, Austrian Cooperative
Research, Vienna

Klaus Pseiner

Managing Partner, FFG Austrian Research Promotion Agency, Vienna

Christiane Spiel

Professor of Bildung Psychology and Evaluation; Head, Department of Applied
Psychology, University of Vienna

Matthias Weber

Head of Center Innovation Systems and Policy, AIT Austrian Institute of
Technology GmbH, Vienna

Eva-Maria Titz

Innovation Expert, Austrian Federal Ministry for Climate Action, Environment,
Energy, Mobility, Innovation and Technology, Vienna

Coordination: Birgit Strohmeier

Head of Communications, Salzburg Research Forschungsgesellschaft mbH,
Salzburg

BREAKOUT SESSION 8

Hydrogen – a key technology for renewable energy systems (in English)

(supported by TU Austria)

Hydrogen is a safe and efficient energy carrier of unlimited availability produced from renewable resources. Thus, hydrogen offers the prospect of a healthy and livable environment as well as the economic opportunity for innovative know-how and technological leadership.

Chair: Alexander Trattner

CEO and Research Director, HyCentA Research GmbH, Graz

Laurent Antoni

President, Hydrogen Europe Research, Brussels

Philipp Braunsdorf

Programme Manager Infrastructure Hydrogen, NOW GmbH – National Organisation Hydrogen and Fuel Cell Technology, Berlin

Martin Hackl

Global Director, Business Unit Solar Energy, Fronius International GmbH, Wels

Markus Lehner

Head of Chair & Research Group Energy Process Engineering, Montanuniversität Leoben

Horst Steinmüller

Managing Director, WIVA P&G Energy Model Region, Linz

Theresia Vogel

Managing Director, Climate and Energy Fund, Vienna

Coordination: Marie-Gabrielle Macherhammer

Key Researcher and Project Leader, HyCentA Research GmbH, Graz

BREAKOUT SESSION 9

Climate neutrality 2040 – disruptive innovations for CO2 neutrality

(supported by Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology)

“Let us paint a sun on gray cobblestone”, words in a children’s song in the former GDR. Then, in 1976, life in a united Europe was unimaginable, but became reality only 20 year later. Here we will paint the future, asking: can we realize a climate-neutral Austria in 2040? Unimaginable or possible?

Chair: Henriette Spyra

Director Science & Innovation, Environment Agency Austria, Vienna

Leonore Gewessler

Austrian Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Maja Göpel

Secretary-General, German Advisory Council on Global Change, Berlin

Marleen Roubik

Expert on Legal Experimental Spaces, Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Katja Schechtner

Advisor to the Secretary General ITF, OECD, Paris; Research Fellow, MIT Senseable City Lab, Cambridge

Maria Vassilakou

Member, Mission Board Climate Neutral Cities 2030, European Commission, Vienna

Coordination: Silvia Benda Kahri

Head of Dialogue & Innovation, Environment Agency Austria, Vienna

BREAKOUT SESSION 10

Resilience and digital future: synergy or discrepancy? (in English)

(supported by ITG Innovations- und Technologietransfer Salzburg GmbH)

Today's challenges require a tremendous level of resilience. New realities and altered operating conditions demand new approaches. The focus will be much more on specific needs of human beings and how to shape their living environments in a synergy of real and digital.

Chair: Manfred Tscheligi

Professor of Human-Computer Interaction, Center for Human-Computer Interaction, University of Salzburg; Head of Center Technology Experience, AIT Austrian Institute of Technology GmbH, Vienna

Matthias Horx

Trend and Future Researcher, Publicist and Visionary, Zukunftsinstitut Horx GmbH, Vienna

Eric-Jan Kaak

Innovation Engine Driver & Project Portfolio Management, SPAR ICS – Information & Communication Service, Salzburg

Sabine Mayer

Strategy Unit, FFG Austrian Research Promotion Agency, Vienna

Katharina Ratheiser

Deputy Director, Viktor Frankl Institute, Vienna

Petra Stolba

Managing Director, Austrian National Tourist Office, Vienna

Coordination: Walter Haas

Managing Director, Innovations- und Technologietransfer Salzburg GmbH, Salzburg

BREAKOUT SESSION 11

Critical technology trends in security sectors (in English)

(supported by Austrian Federal Ministry of Defence)

Humankind lives in the fastest, most technologically innovative time ever! Join us in exploring those trends in emerging disruptive technologies which have critical effects in security fields. Focus on the greatest technological challenges and benefit from expert speakers and interactive workshops.

Chair: Friedrich Teichmann

Head, Institute of Military GeoScience, Austrian Armed Forces, Vienna

Bruno Hofbauer

Major General, Austrian Federal Ministry of Defence, Vienna

Michael Kranawetter

Senior Director Analyst, GTP Security, Identity & Risk, Gartner Inc., Munich

Sabine Kremnitzer

Programme Manager Aerospace, FFG Austrian Research Promotion Agency, Vienna

Helmut Leopold

Head of Center for Digital Safety and Security, AIT Austrian Institute of Technology GmbH, Vienna

Sven Szabo

Colonel, Austrian Federal Ministry of Defence, Vienna

Coordination: Gerhard Herda

Master Corporal, Austrian Federal Ministry of Defence, Vienna

BREAKOUT SESSION 12

Europe as a production location in times of climate change (in English)

(supported by Joanneum Research)

We will discuss opportunities and challenges of “climate neutrality” on the example of the steel industry, accounting for ca. 10% of global GHG emissions. Can Europe’s “Green Deal” support the industry to meet emissions targets and also make sure that Europe remains a strategic production location?

Chair: Franz Pretenthaler

Director, LIFE Institute for Climate, Energy and Society, Joanneum Research Forschungsgesellschaft mbH, Graz

Daniela Jacob

Director, Climate Service Center Germany, Geesthacht

Kerstin Jorna

Director-General, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs (GROW), European Commission, Brussels

Josef Falko Loher

Political Advisor, Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Vienna

Matthias Pastl

Head of Corporate Communications, Steel Division, voestalpine Group, Linz

Wim van der Stricht

CTO Technology Strategy, ArcelorMittal Europe, Luxembourg

Tomas Wyns

Doctoral Researcher, IES Institute for European Studies, Brussels

Coordination: Hannes Schwaiger

Deputy Director, LIFE Institute for Climate, Energy and Society, Joanneum Research Forschungsgesellschaft mbH, Graz

DIGITAL PARTNER PROGRAMME

THURSDAY, AUGUST 27, 2020

- 16.15 **Challenges for gender policies in daily practice – a never ending story?**
with Carina Felzmann (Editor, Sheconomy), Traude Kogoj (Diversity Officer, ÖBB), Helmut Leopold (Gender Officer, AIT), Marie-Theres Raberger (Head of Recruiting, AIT) and Eva Wilhelm (Chair of the Works Council ret., AIT).
- 17.00 **Digital Patent Cocktail**
Hosted by Austrian Patent Office

FRIDAY, AUGUST 28, 2020

- 10.30 **Digital Patent Cocktail**
Hosted by Austrian Patent Office
- 13.00 **Live desk “Recruiting”**
with AIT Head of Recruiting Marie Theres Raberger
- 13.00 **Live desk “We do startups”**
with AIT Startup Catalyst Hans Peter Blahowsky
- 13.30 **Digital Patent Cocktail**
Hosted by Austrian Patent Office
- 14.00 **Challenges for gender policies in daily practice – a never ending story?**
with Carina Felzmann (Editor, Sheconomy), Traude Kogoj (Diversity Officer, ÖBB), Helmut Leopold (Gender Officer, AIT), Marie-Theres Raberger (Head of Recruiting, AIT) and Eva Wilhelm (Chair of the Works Council ret., AIT).

CULTURAL PROGRAMME

ARTTEC – Digital Exhibition

We apply future.

A presentation of the University of Applied Arts Vienna

Anyone who wants to help shape the digital future must not only be able to understand and program how it works and how it is structured, but must also develop a fundamental understanding of the social changes that these changes will entail. Artistic methods, such as dealing with ambiguity, the search for unfamiliar contexts, alienation and deconstruction, are a key to making this understanding productive. Sustainable innovation is therefore only possible in a creative environment, in a close alliance between art, science and technology. This self-understanding is reflected in the numerous (interdisciplinary) activities of the University of Applied Arts in all its fields (art, design, architecture, restoration, art education). The videos presented by students and teachers of the University of Applied Arts exemplify this claim to design by visualizing the previously invisible and unimaginable, daring speculative thought experiments and developing proposals for the future.

Selected videos:

Doing Nothing With AI, 2018

Emanuel Gollob (Student, Industrial Design 2)

<https://designinvestigations.at/projects/doing-nothing-with-ai/>

Political Atmosphere, 2019

Felix Lenz (Student, Industrial Design 2)

<https://designinvestigations.at/projects/political-atmosphere/>

Dorian Great, 2020

Lena Reutenauer, Maria Claudia Montalvo (Students, Industrial Design 2)

<https://designinvestigations.at/projects/dorian-great/>

Neuromatic Game Art, 2020

Margarete Jahrmann

<https://youtu.be/XrhPvQ2>

GENERAL INFORMATION

Registration form

Online on www.alpbach.org.

Participation fee

A ticket costs € 90,- and is valid for all 12 days of the online conference. Please register here: <https://2020.alpbach.org/ticket>

Venue

A-6236 Alpbach, Tyrol

Plenary and Breakout Sessions

Alpbach Congress Center

Conference languages

English and German

Address

European Forum Alpbach/Main Secretariat
A-6236 Alpbach
Telephone +43-(0)5336-600-500
Telefax +43-(0)5336-600-501
E-Mail: forum@alpbach.org

Organizers

AIT Austrian Institute of Technology GmbH
A-1210 Vienna, Giefinggasse 4

Austrian Broadcasting Corporation, Programme Radio 1
A-1040 Vienna, Argentinierstrasse 30a

Cooperation partners

Austrian Federal Ministry for Digital and Economic Affairs
Austrian Federal Ministry of Education, Science and Research
Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility,
Innovation and Technology
Die Presse
Federation of Austrian Industries
Helmholtz-Gemeinschaft Deutscher Forschungszentren

Organizing committee

Dr. Martin Bernhofer
Mag. Michael H. Hlava
Prof. Wolfgang Knoll

Information

Organizing Secretariat:
Ms. Claudia Klement
AIT Austrian Institute of Technology GmbH
Giefinggasse 4, A-1210 Vienna
Telephone **43/50 550-2045, Fax **43/50 550-4000
e-mail: claudia.klement@ait.ac.at
<https://www.alpbach.org/en/event/tec19/>