



EUROPEAN
FORUM
ALPBACH

TEC

Alpbach Technology Symposium Alpbacher Technologiegespräche

25.-27.08.2016



European Forum Alpbach 2016

New Enlightenment *Neue Aufklärung*

17.08.–02.09.2016

Cultural Programme <i>Kulturprogramm</i>	17.08.–02.09.2016
Seminar Week <i>Seminarwoche</i>	17.–24.08.2016
Tyrol Days <i>Tiroltage</i>	20.–21.08.2016
Health Symposium <i>Gesundheitsgespräche</i>	21.–23.08.2016
Higher Education Symposium <i>Hochschulgespräche</i>	24.08.2016
Technology Symposium <i>Technologiegespräche</i>	25.–27.08.2016
Legal Symposium <i>Rechtsgespräche</i>	28.–30.08.2016
Political Symposium <i>Politische Gespräche</i>	28.–30.08.2016
Economic Symposium <i>Wirtschaftsgespräche</i>	30.08.–01.09.2016
Financial Market Symposium <i>Finanzmarktgespräche</i>	01.–02.09.2016
Built Environment Symposium <i>Baukulturgespräche</i>	01.–02.09.2016

Organisers

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

Cooperation

Austrian Federal Ministry for Transport, Innovation and Technology, Austrian Federal Ministry of Science, Research and Economy, Austrian Federal Ministry of Education

Industrial Partner

Federation of Austrian Industries

Scientific Partner

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schung und Innovation

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förderungsgesellschaft mbH

New Enlightenment

Neue Aufklärung

The Technology Symposium is in search of new pathways and tools on its journey to the new Enlightenment. Once, in the times of Kant, Rousseau and Voltaire radical ideas could foster revolutionary changes in science and human rights and they made the industrial revolution possible. For a century this put Europe in a dominant intellectual and geopolitical position. Today, we live in a multipolar world that has become highly complex. Products, goods and services compete on a global scale and virtual networks and digitisation are tearing down boundaries in many fields. At the same time we see the limits of growth and of an unlimited use of resources. Science offers radically new insights while new questions are raised. How much do people need to know about their genetic inheritance and how should they deal with that knowledge? What role will be played by robots or even mutant in future societies? Where are the pioneers in the age of the Internet of Things and Industry 4.0? And what new forms of expression can lead to the collaborations and exchanges between the arts, science and technology which we may need to meet the challenges of the future? Trends like Open Innovation and new, cooperative research and business models are emerging. Has the new Enlightenment already begun?

Die Technologiegespräche auf der Suche nach neuen Wegen und Werkzeugen zur Reise ins Zeitalter der neuen Aufklärung. Die einst radikalen Ideen der Aufklärung zu Lebzeiten von Kant, Rousseau oder Voltaire ermöglichten revolutionäre Erkenntnisse in den Wissenschaften und ebneten den Menschenrechten und der industriellen Revolution den Weg. Europa genoss dadurch über ein Jahrhundert eine geistige und geopolitische Vormachtstellung. Heute ist die Welt multipolar und um ein Vielfaches komplexer geworden. Produkte, Güter und Dienstleistungen konkurrieren weltweit und die virtuelle Vernetzung und Digitalisierung lässt in vielen Bereichen Grenzen fallen. Zugleich zeigen sich die Grenzen des Wachstums und ungebremsten Ressourcenverbrauchs. Die Wissenschaft bringt radikale neue Einsichten, neue Fragen stellen sich. Wie viel muss der Mensch über sein genetisches Erbe wissen, wie damit umgehen? Welche Rolle übernehmen künftig Roboter oder gar Mutanten in der Gesellschaft? Wo sind nun die Pioniere im Zeitalter von Internet der Dinge und Industrie 4.0? Und welche Wege finden Kollaborationen und Austausch zwischen Kunst, Wissenschaft und Technologie, um sich heutigen Herausforderungen zu stellen? Trends wie Open Innovation oder neue, kooperative Forschungs- und Geschäftsmodelle zeigen sich schon. Hat die neue Aufklärung schon begonnen?

Contents / Inhalt

	Page
Plenary Sessions	4
Breakout Sessions	15
Cultural Programme	30
Social and Partner Programme	32
Further Information	33

Time Table / Zeitplan

Thursday, 25.08.2016

13:00-13:10	Opening	Plenary
13:10-14:15	RTI Talk	Plenary
14:30-14:50	From Austria to Silicon Valley – Cyber Security as a Global Factor	Plenary
14:50-16:10	Cybernetics in Advanced Energy and Production Systems	Plenary
16:30-17:45	Complexity and the New Enlightenment	Plenary
18:15-19:00	“Inherited Disorders”	Culture
20:00-20:15	Best of Art and Science	Culture
20:15-21:15	Tickets to Berlin: Falling Walls Lab Austria and Alpbach Summer School on Entrepreneurship	Plenary
21:30-23:30	Evening Reception	Social
21:30-23:00	Career Lounge	Social

Friday, 26.08.2016

9:00-10:30	Digital Medicine	Plenary
9:00-18:00	Junior Alpbach – Science and Technology for Young People	Breakout
9:00-15:00	Ö1 Children’s University Alpbach – Science and Technology for Kids	Breakout
11:00-12:30	Personalized Cancer Medicine	Plenary
12:30-13:00	Lunch Snacks for the Participants of the Breakout Sessions	Social
13:00-18:00	01 Innovation by Making: Paradigm Shifts and New Innovation Cultures	Breakout
13:00-18:00	02 Silicon Austria: A Game Changer for Austria as a High-Tech Location?	Breakout
13:00-18:00	03 Creating the Future: How to Reinvent Innovation Processes	Breakout
13:00-18:00	04 The Cycle of Innovation and its Ecology	Breakout
13:00-18:00	05 Heavy Impact of Lightweight Design	Breakout
13:00-18:00	06 Looking Into the Unknown and Shifting Horizons	Breakout
13:00-18:00	07 Radical Innovations: More Courage to Take Risks	Breakout
13:00-18:00	08 The Acceptance of Technologies by Pupils with Migration History	Breakout
13:00-18:00	09 Cyber Security: A Fundamental Right	Breakout
13:00-18:00	10 Open Access & Open Innovation – Tools for a New Enlightenment?	Breakout
13:00-18:00	11 Realities and Futures of Robotics	Breakout
13:00-18:00	12 Energiewende – Empowering Consumers	Breakout
13:00-18:00	13 Security of Supply as a Locational Factor	Breakout
19:00-20:30	Innovation Marathon: Ideas Made to Order – 24 Hours Nonstop	Plenary
20:30-22:00	“In 80 Minutes around the World.” More than a Concert	Culture

Saturday, 27.08.2016

9:00-10:30	Art Meets Science and Technology – Towards a New Enlightenment	Plenary
10:45-11:45	Open Innovation: New Enlightenment? Participation – Democratisation – New Solutions	Plenary
12:15-13:30	ETH Zurich, this Year’s Special Guest at the Technology Symposium	Plenary
13:30-14:00	Snack Reception	Social

PLENARY SESSIONS

Thursday, 25.08.2016

Plenary

13:00–13:10

ELISABETH-HERZ-KREMENAK-SAAL

OPENING

Opening *Eröffnung*

SIMULTANEOUS TRANSLATION

Franz Fischler

President, European Forum Alpbach, Vienna

13:10–14:15

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

RTI Talk *FTI-Talk*

SIMULTANEOUS TRANSLATION

The Technology Symposium is considered the summit of Austria's RTI community. In this talk at the beginning of the event, leading representatives from the ministries, the Federation of Austrian Industries and the Austrian Council for Research and Technology Development will discuss their viewpoints on the topical issues in research, technology and innovation.

Die Technologiegespräche gelten als Gipfeltreffen der heimischen FTI-Community. Zum Auftakt erläutern die SpitzenvertreterInnen der Ministerien, der Industriellenvereinigung und des Rates für Forschung und Technologieentwicklung ihre Standpunkte zu aktuellen Themen in den Bereichen Forschung, Technologie und Innovation.

Hannes Androsch	Industrialist; Chairman of the Board, AIT Austrian Institute of Technology GmbH; Chairman, Austrian Council for Research and Technology Development, Vienna
Sonja Hammerschmid	Austrian Federal Minister of Education, Vienna
Georg Kapsch	President, Federation of Austrian Industries, Vienna
Jörg Leichtfried	Austrian Federal Minister for Transport, Innovation and Technology, Vienna
Harald Mahrer	State Secretary, Austrian Federal Ministry of Science, Research and Economy, Vienna
Gerald Gross	Founder and Director, gross:media e.U., Vienna

Chair

Thursday, 25.08.2016

Plenary

14:30–14:50

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

From Austria to Silicon Valley – Cyber Security as a Global Factor

Von Österreich ins Silicon Valley – Cyber-Sicherheit als globaler Faktor

SIMULTANEOUS TRANSLATION

In his role as Vice President of Security & Privacy Engineering at Google, Gerhard Eschelbeck leads a team of more than 600 engineers who are responsible for building and maintaining the tools and systems that keep Google's users and their data safe and secure.

In seiner Funktion als Vizepräsident für Sicherheit und Datenschutz bei Google leitet Gerhard Eschelbeck ein Team von mehr als 600 Ingenieuren, die für Aufbau und Wartung der Werkzeuge und Systeme verantwortlich sind, welche Google-Anwender und ihre Daten schützen.

Gerhard Eschelbeck Vice President Security and Privacy Engineering, Google Inc., Cupertino, CA

Chair **Andreas Kugi** Head, Automation and Control Institute, Vienna University of Technology, Vienna

Thursday, 25.08.2016

Plenary

14:50–16:10

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

Cybernetics in Advanced Energy and Production Systems

Kybernetik in modernen Energie- und Produktionssystemen

IN COOPERATION WITH TU AUSTRIA AND AUSTRIAN FEDERAL MINISTRY FOR TRANSPORT, INNOVATION AND TECHNOLOGY

SIMULTANEOUS TRANSLATION

In our times, machines, production facilities and electricity networks are becoming increasingly smarter. This smartness is closely related to the soaring availability of computing power and the broad possibilities of digital real-time interconnection. To systematically develop, manage, control and optimise these systems, a deep understanding in systems theory and cybernetics is indispensable. Experts discuss the role of cybernetics as a driving force in the development of advanced manufacturing and energy systems.

Wir leben in einer Zeit, in der Maschinen, Produktionsanlagen und Elektrizitätsnetze zunehmend „intelligenter“ werden. Diese „Intelligenz“ ist eng mit steigender Rechenleistung und den enormen Möglichkeiten der digitalen Echtzeitvernetzung verbunden. Um solche Systeme systematisch entwickeln, beherrschen, regeln und optimieren zu können, ist ein tiefgehendes Verständnis von Systemtheorie und Kybernetik erforderlich. In dieser Sitzung wird die besondere Rolle der Kybernetik als treibende Kraft für die Entwicklung zukünftiger Produktions- und Energiesysteme diskutiert.

Matthew Carney	Graduate Student Researcher, Center for Bits and Atoms, MIT – Massachusetts Institute of Technology, Cambridge, MA »Simplicity to Enable Complexity in Future Autonomous Production Systems«
Lucy Y. Pao	Professor, Department of Electrical, Computer and Energy Engineering; Fellow, Renewable and Sustainable Energy Institute, University of Colorado, Boulder, CO »Challenges and Opportunities in Integrating Large Amounts of Wind and Solar Energy into Utility Grids«
Dawn Tilbury	Professor, Department, Mechanical Engineering, and Associate Dean for Research, College of Engineering, University of Michigan, Ann Arbor, MI »Revolutionizing Production Systems Using Advanced Cybernetics«
Chair Andreas Kugi	Head, Automation and Control Institute, Vienna University of Technology, Vienna

Thursday, 25.08.2016

Plenary

16:30–17:45

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

Complexity and the New Enlightenment

Komplexität und die neue Aufklärung

SIMULTANEOUS TRANSLATION

Humanity is increasingly interconnected and the planet is becoming ever harder to maintain as a stable place for our species. Increased complexity offers both tremendous potential and threat to our survival. Does this mean that we are heading for a new era of self-inflicted immaturity? In this panel we want to discuss if science can offer strategies to avoid new dangers and what science can contribute to the "New Enlightenment".

Die Menschheit wird immer vernetzter und es wird immer schwieriger, unseren Planeten für uns Menschen lebenswert zu erhalten. Immer höhere Komplexität schafft riesige Potenziale, aber ebenso große Bedrohungen. Bedeutet dies, dass wir in ein neues Zeitalter der selbstverursachten Unmündigkeit eintreten? In diesem Panel wird diskutiert, ob die Wissenschaft neue Strategien anbieten kann, um diesen Gefahren zu entkommen, und wie sie zur „Neuen Aufklärung“ beitragen kann.

Albert-László Barabasi	Robert Gray Dodge Professor of Network Science; Distinguished Professor and Director, Center for Complex Network Research, Northeastern University, Boston, MA »Network Science: From Structure to Control«
Dirk Helbing	Professor of Computational Social Science, Department of Humanities, Social and Political Sciences, ETH – Swiss Federal Institute of Technology in Zurich
Roberta Sinatra	Assistant Professor, Center for Network Science, Central European University, Budapest
Stefan Thurner	Professor, Head, Section for Science of Complex Systems, Center for Medical Statistics, Informatics, and Intelligent Systems; President, Complexity Science Hub Vienna

Chair

Thursday, 25.08.2016

Plenary

20:15–21:15

ELISABETH-HERZ-KREMEK-SAAL

SCIENCE SLAM

Tickets to Berlin: Falling Walls Lab Austria and Alpbach Summer School on Entrepreneurship

SIMULTANEOUS TRANSLATION

In this challenging, inspiring, and interdisciplinary format, young scientists and entrepreneurs will pitch their innovative ideas, research and business projects. The audience will decide who will be the winners of the two tickets to the Falling Walls Conference in Berlin this November.

In diesem herausfordernden, inspirierenden und interdisziplinären Format präsentieren JungwissenschaftlerInnen und UnternehmerInnen ihre innovativen Ideen, Forschungs- und Businessprojekte. Das Publikum wird entscheiden, wer die GewinnerInnen der zwei Tickets zur Falling Walls Konferenz in Berlin im November sein werden.

	Victoria Dorrer	Master Student, Institute of Chemical Technologies and Analytics, Vienna University of Technology; Finalist, Falling Walls Lab Austria; Vienna
	Shani Elitzur	Ph.D. Student, Faculty of Aerospace Engineering, Technion – Israel Institute of Technology; Finalist, 2015 Falling Walls Lab Berlin; Haifa
	Peter Alexander Kopciak	Master Student and Research Assistant, Institute for Creative Media Technologies, St. Pölten University of Applied Sciences; Finalist, Walling Walls Lab Austria; St. Pölten
	Behzad Shirmardi Shaghasemi	Ph.D. Student, Institute for Biologically Inspired Materials, University of Natural Resources and Life Sciences; Finalist, Falling Walls Lab Austria; Vienna
	Lian Willetts	Postdoctoral Fellow, Dr. John Lewis Laboratory, Department of Oncology, University of Alberta; Finalist, 2015 Falling Walls Lab Berlin; Edmonton
Chair	Hermann Hauser	Co-Founder, Amadeus Capital Partners Ltd.; Member, ERA Council Forum Austria, London
Chair	Wolfgang Knoll	Scientific Managing Director, AIT Austrian Institute of Technology GmbH, Vienna
Chair	Jürgen Mlynek	Chairman of the Board of Trustees, Falling Walls Foundation gGmbH, Berlin

Friday, 26.08.2016

Plenary

9:00–10:30

ELISABETH-HERZ-KREMAK-SAAL

PANEL

Digital Medicine

Digitale Medizin

SIMULTANEOUS TRANSLATION

Rapid progress in new technologies has created an enormous range of diagnostic methods in medicine today. Targeted and efficient prevention and therapies have become possible. "Big data" in medicine can provide large benefits; however, the handling of sensitive data makes many people uncomfortable. Experts will present state-of-the-art technologies and the potential consequences for societies, along with controversial perspectives.

Rasante Fortschritte in der Technologie haben in der Medizin ein enormes Spektrum an diagnostischen Methoden geschaffen. Gezielte und effiziente Prävention und Therapie werden möglich. Der Nutzen von „Big Data“ in der Medizin ist groß, zugleich sorgt der Umgang mit sensiblen Daten für große Unsicherheit. ExpertInnen geben Einblick in den aktuellen Stand der Technologie, das gesellschaftliche Potenzial und die kontroversen Perspektiven.

E. Ray Dorsey	David M. Levy Professor of Neurology and Director, Center for Human Experimental Therapeutics, School of Medicine and Dentistry, University of Rochester Medical Center, Rochester, NY »Deployment of Mobile Devices in Medicine«	
Dipak Kalra	President of the EuroRec Institute; President of i-HD; Professor of Health Informatics, UCL; Visiting Professor, University of Gent »The Digital Patient«	
Ursula Schmidt-Erfurth	Vice President, European Forum Alpbach; Professor and Chair, Department of Ophthalmology, Medical University of Vienna »Digital diagnosis and prognosis in eye disease«	
Mark B. Taubman	Charles A. Dewey Professor and Senior Vice President for Health Sciences, Chief Executive Officer, and Dean of the School of Medicine and Dentistry, University of Rochester Medical Center, University of Rochester »Digital medicine to control healthcare costs«	
Chair	Robert Clark	Senior Vice President for Research and Dean, Hajim School of Engineering and Applied Sciences, University of Rochester; Director, Minerals Technologies Incorporated; Rochester
Chair	Michaela Fritz	Vice Rector for Research and Innovation, Medical University of Vienna

Friday, 26.08.2016

Plenary

11:00–12:30

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

Personalized Cancer Medicine

Personalisierte Krebsmedizin

IN COOPERATION WITH HELMHOLTZ ASSOCIATION OF GERMAN RESEARCH CENTRES

SIMULTANEOUS TRANSLATION

One third of Europeans will fall ill from cancer in their lifetimes. Worldwide, 20,000 people die each day from cancer. Technologies to decode individual genomes enable everybody to know their individual risk factors. But how much do people really want to know? And what can personalised cancer therapies offer?

Jede/r dritte EuropäerIn entwickelt im Laufe des Lebens Krebs. Weltweit sterben täglich rund 20.000 Menschen an den Folgen einer Krebserkrankung. Technologien zur Entschlüsselung des eigenen Genoms offenbaren jeder Person seine/ihre individuellen Risikofaktoren. Wieviel Aufklärung will der Mensch? Und was bieten personalisierte Krebstherapie-Ansätze?

Angelika Eggert	Director, Department of Pediatrics, Division of Oncology and Hematology, Charité – Universitätsmedizin Berlin »Personalized Medicine Approaches in Pediatric Cancer«
Christoph Huber	Professor emeritus, Department of Hematology-Oncology, Medical School, Johannes Gutenberg University Mainz; Co-Founder and Advisor, TRON – Translational Oncology at the University Medical Center of the Johannes Gutenberg University Mainz gGmbH, Mainz »Immunotherapy – A Powerful New Weapon Against Cancer«
Rita K. Schmutzler	Director, Center of Familial Breast and Ovarian Cancer, University Clinic of Cologne »Risk-Adjusted Prevention: the Future in Preventive Oncology«
<small>Chair</small> Otmar D. Wiestler	President, Helmholtz Association of German Research Centres, Berlin

Friday, 26.08.2016

Plenary

19:00–20:30

ERWIN-SCHRÖDINGER-SAAL

PANEL

Innovation Marathon: Ideas Made to Order – 24 Hours Nonstop

Innovations-Marathon: Ideen auf Bestellung – 24 Stunden nonstop

IN COOPERATION WITH TU AUSTRIA

SIMULTANEOUS TRANSLATION

24 hours of nonstop product development: 9 tasks, 9 student teams und 24 hours of time. This is the recipe the "innovation marathon" applies to find solutions for real assignments from enterprises. How can 24 hours of knowledge, creativity and enthusiasm yield results? We will discuss the concept.

24 Stunden Produktentwicklung nonstop: 9 Aufgaben, 9 Studierenden-Teams und 24 Stunden Zeit. Aus diesen Zutaten entstehen beim „Innovations-Marathon“ die Lösungskonzepte für reale Aufgabenstellungen aus Unternehmen. Wie lassen sich Wissen, Kreativität und Enthusiasmus in 24 Stunden gezielt einsetzen? Wir diskutieren das Konzept.

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
Mariana Karepova	President, Austrian Patent Office, Vienna
Christoph Neumayer	Director General, Federation of Austrian Industries, Vienna
Sabine Seidler	Rector, Vienna University of Technology, Vienna
Roland Waldner	Group Leader, Advanced Development & Patents, Philips Austria GmbH
<small>Chair</small> Mario Fallast	Project Manager, TU Austria Innovation Marathon, Graz University of Technology, Graz

Saturday, 27.08.2016

Plenary

9:00–10:30

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

Art Meets Science and Technology – Towards a New Enlightenment

Art Meets Science and Technology – Wege einer neuen Aufklärung

SIMULTANEOUS TRANSLATION

In the search for innovation, original ways of thinking and critical discourse are catalysts for testing and scrutinising developments in society. What pathways for exchange and collaboration can we find between art, science and technology to face today's challenges?

Auf der Suche nach Innovation, originären Denkansätzen und kritischem Diskurs funktioniert Kunst als Katalysator, um gesellschaftliche wie auch wissenschaftliche und technologische Entwicklungen zu testen und zu hinterfragen. Welche Wege finden Kollaborationen und Austausch zwischen Kunst, Wissenschaft und Technologie, um sich heutigen Herausforderungen zu stellen?

Monica Bello	Head of Arts@CERN, CERN – European Organization for Nuclear Research, Geneva
Silvia Lindtner	Assistant Professor, School of Information, University of Michigan, Ann Arbor, MI
Christoph Thun-Hohenstein	Director, Austrian Museum of Applied Arts / Contemporary Art; Head, Vienna Biennale
Chair: Gerfried Stocker	Artistic Director, Ars Electronica Linz GmbH, Linz

Saturday, 27.08.2016

Plenary

10:45–11:45

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

Open Innovation: New Enlightenment? Participation – Democratisation – New Solutions

Open Innovation: Neue Aufklärung? Partizipation – Demokratisierung – neue Lösungen

SIMULTANEOUS TRANSLATION

Opening up innovation processes to the outside world and linking hitherto unconnected knowledge in the fields of economy, science, administration and the populace can lead to a breakthrough of innovative ideas. How can we create a culture of Open Innovation and how can it contribute to substantially increase the competitiveness of countries?

Die Öffnung von Innovationsprozessen nach außen und die Verknüpfung von bislang unverbundenem Wissen zwischen Wirtschaft, Wissenschaft, Verwaltung und Bevölkerung verhelfen innovativen Ideen zum Durchbruch. Wie kann eine Open Innovation-Kultur geschaffen werden und wie trägt diese dazu bei, die Wettbewerbsfähigkeit eines Landes maßgeblich zu erhöhen?

Introduction	Robert-Jan Smits	Director-General for Research and Innovation, European Commission, Brussels
	Sabine Brunswicker	Professor and Director, Research Center for Open Digital Innovation, Discovery Learning Research Center, Purdue University, West Lafayette, IN
	Michael Heiss	Head, Research Group Cyber-Physical Systems, Corporate Technology, Research and Technology Centers, Siemens AG Österreich; Honorary Professor for Innovation and Technology Management, Vienna University of Technology, Vienna »Open Innovation is the Warm-up Exercise for the Working World of the Future«
	Gertraud Leimüller	Founder and Chief Executive Officer, winnovation consulting gmbh; Deputy Chairwoman, Kreativwirtschaft Austria, Vienna »Open Innovation: New Enlightenment? Participation – Democratisation – New Solutions«
	Marion Poetz	Associate Professor, Department of Innovation and Organizational Economics, Copenhagen Business School, Frederiksberg
Chair	Rainer Nowak	Editor-in-Chief, Die Presse, Vienna

Saturday, 27.08.2016

Plenary

12:15–13:30

ELISABETH-HERZ-KREMENAK-SAAL

PANEL

ETH Zurich, this Year's Special Guest at the Technology Symposium

Die ETH Zürich zu Gast bei den Technologiegesprächen

SIMULTANEOUS TRANSLATION

ETH Zurich is widely recognized as a world-leading research university. It has also succeeded in creating the institutional and technical conditions that enable it to transform its research results into innovative products and to shape markets.

Die ETH Zürich ist als Forschungsuniversität von Weltruf anerkannt. Es ist ihr auch gelungen, die institutionellen und technischen Voraussetzungen zu schaffen, um ihre Forschungsergebnisse in innovative Produkte umzusetzen und Märkte zu gestalten.

Sabrina Badir	ETH Pioneer Fellow, Institute for Mechanical Systems, ETH – Swiss Federal Institute of Technology in Zurich
Detlef Günther	Professor for Trace Element and Micro Analysis, Laboratory of Inorganic Chemistry and Vice President Research and Corporate Relations, ETH – Swiss Federal Institute of Technology in Zurich
Maksym Kovalenko	Professor, Laboratory of Inorganic Chemistry, Department of Chemistry and Applied Biosciences, ETH – Swiss Federal Institute of Technology in Zurich
Gerhard Schmitt	Professor for Information Architecture, Founding Director of the Singapore-ETH Centre, Lead Principal Investigator of the Responsive Cities Scenario at the Future Cities Laboratory in Singapore and Senior Vice President ETH Global, ETH Zurich – Swiss Federal Institute of Technology in Zurich
Roland Yves Siegwart	Professor for Autonomous Systems and Director, Institute of Robotics and Intelligent Systems, ETH – Swiss Federal Institute of Technology in Zurich
<small>Chair</small> Helga Nowotny	Former President, ERC European Research Council; Chair, ERA Council Forum Austria, Vienna

BREAKOUT SESSIONS

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

01 Innovation by Making: Paradigm Shifts and New Innovation Cultures

01 Innovation by Making: Paradigmenwechsel und neue Innovationskulturen

ENGLISH LANGUAGE

New digital cultures offer rapid and individual production of goods, tools and even machines. Digital toolkits and digital thinking lead to the democratization of technological innovation and new innovation cultures are emerging. We see a merging of producer and consumer, new maker cultures are coming into existence and experience prototyping gets new significance. The breakout session deals with making from an interdisciplinary perspective: what does it really mean, what constitutes a maker of the future and what role making will play in future innovation processes.

Neue Digitaltechnologien erlauben eine rasche und individuelle Herstellung von Produkten, Werkzeugen oder auch Maschinen. Digitale Baukästen und Digitales Denken führen zu einer Demokratisierung von technologischer Innovation und lassen neue Innovationskulturen entstehen. Es erfolgt eine Verschmelzung von Produzent und Konsument, spezielle Maker-Kulturen entstehen und Experience Prototyping bekommt einen neuen Stellenwert. Die Breakout Session setzt sich interdisziplinär mit dem Thema Making auseinander: Was es bedeutet, was einen Maker der Zukunft ausmacht und welche Bedeutung es für die Gestaltung von Innovationsprozessen hat.

Introduction	Brigitta Pallauf	President, Salzburg Regional Parliament, Salzburg	
	Georg Bauer	Vice-President Engineering, STRATEC Consumables GmbH, Salzburg »Mind the Gap: From Development to Manufacturing in the MedTech Devices Industry«	
	Jana Kolar	Executive Director, CERIC-ERIC – Central European Research Infrastructure Consortium; Governing Board Member, EIT – European Institute of Innovation and Technology; Member, ERA Council Forum Austria; Basovizza »Innovation Ecosystem in Support of Personal Fabrication«	
	Günter Lepperdinger	Professor and Deputy Chair, Department of Cell Biology and Physiology, University of Salzburg; Co-Founder, ASciNA – Austrian Scientists in North America, Salzburg »Scaling – Fitting the Need«	
	Silvia Lindtner	Assistant Professor, School of Information, University of Michigan, Ann Arbor, MI »Hacking China, Hacking Innovation«	
	Gerfried Stocker	Artistic Director, Ars Electronica Linz GmbH, Linz »Making – Yes We Can«	
	Martin Zauner	Global Product Manager Digitalization, Palfinger AG, Salzburg »Innovation by Making: Paradigm Shifts and New Innovation Cultures«	
	Chair	Manfred Tscheligi	Professor of Human-Computer Interaction, Center for Human-Computer Interaction, University of Salzburg; Head, Business Unit Technology Experience, Innovation Systems Department, AIT Austrian Institute of Technology GmbH, Vienna
		Coordination	Verena Fuchsberger

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

02 Silicon Austria: A Game Changer for Austria as a High-Tech Location?

02 Silicon Austria: Ein Game-Changer für den österreichischen Hochtechnologiestandort?

ENGLISH LANGUAGE

In the global race for digitizing economies and the changes in connection with industry 4.0 the ICT/electronics industry has a special role to play: it is of strategic importance for organizing value-added chains, for product and process quality and forms the technological basis for nearly all crucial innovations in most sectors of the economy. Although Austria's ICT/electronics industry is traditionally well developed, the national ecosystem for this knowledge-intensive sector seems to have room for improvement. Is it the right time for a Silicon Austria?

Im globalen Rennen um die Digitalisierung der Wirtschaft und die Umbrüche von Industrie 4.0 kommt der IKT/Elektronikindustrie zunehmend eine Sonderrolle zu: Sie hat strategische Bedeutung für die Organisation von Wertschöpfungsketten, für Produkt- und Prozessqualität und bildet die technologische Grundlage für fast alle kritischen Innovationen in den meisten Wirtschaftssektoren. Obwohl Österreich über eine traditionell gut entwickelte IKT/Elektronikindustrie verfügt, erscheint das nationale Ökosystem für diesen wissensintensiven Sektor noch ausbaufähig zu sein. Ist es daher Zeit für ein Silicon Austria?

Jean-Frédéric Clerc	Vice President, Technological Research Division, CEA – French Alternative Energies and Atomic Energy Commission, Grenoble »Grenoble Ecosystem: Think Global, Act Local«
Gabriel Crean	Chief Executive Officer, LIST – Luxembourg Institute of Science and Technology, Esch-sur-Alzette »Developing a Robust National High Technology Ecosystem: The Role of Key Enabling Technologies and Research Technology Organisations«
Michael Liehr	Chief Executive Officer, American Institute for Manufacturing of Integrated Photonics; Professor and Executive Vice President of Innovation and Technology, College of Nanoscale Science and Engineering, SUNY Polytechnic Institute, Utica, NY »The High-tech Strategy of NY State: Economic Development aligned with Nano-electronics University Research«
Stefan Poledna	Co-Founder and Managing Director, TTEch Computertechnik AG, Wien »Raising a Global Technology Leader – Growing faster in a World Class Environment«
Martin Schrems	Vice President Technology, Research and Development, ams AG, Premstaetten »Scaling up globally, benefitting regional: high-tech manufacturing in Austria«
Luc Van Den Hove	President and CEO, Imec; Professor of Electrical Engineering, University of Leuven »The Imec Innovation Hub, a World-Wide Center of Excellence in Nano-Electronics«
Andreas Wild	Former Executive Director, Joint Undertaking ENIAC and ECSEL, Munich »Silicon Austria – Electronic Based Systems for Future Global Competitiveness«
Chair Michael Wiesmüller	Head, Section III.I 5 – Information and Industrial Technologies, Space Travel, Austrian Federal Ministry for Transport, Innovation and Technology, Vienna
Coordination Klaus Bernhardt	Head, Research, Development and Energy, FEEI – Association for the Electrical and Electronics Industries, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

03 Creating the Future: How to Reinvent Innovation Processes

03 Zukunft erfinden: Innovationsprozesse neu gestalten

GERMAN LANGUAGE

Technological developments and changes in society require ever more rapid reactions. In the future, innovative processes and ecosystems will be strongly influenced by digitization. At the same time, innovative business models are gaining traction. On the one hand this creates new opportunities for collaborative brainstorming; on the other, enterprises become more transparent by opening up towards the outside. In this breakout session we will discuss how enterprises can meet these challenges and actively shape the change.

Technologische Entwicklungen sowie gesellschaftliche Veränderungen erfordern immer schnellere Reaktionen. Innovative Prozesse und Ökosysteme werden zukünftig stark von der Digitalisierung beeinflusst. Gleichzeitig gewinnen Geschäftsmodell-Innovationen zunehmend an Gewicht. Damit ergeben sich zum einen neue Möglichkeiten für kollaborative Ideenfindungen, zum anderen werden Betriebe durch zunehmende Offenheit nach außen transparenter. Wie Unternehmen diesen Herausforderungen im digitalen Zeitalter begegnen und diesen Wandel aktiv mitgestalten, soll in diesem Arbeitskreis diskutiert werden.

Franz Androsch	Senior Vice President, Research & Development and Innovation, voestalpine AG, Linz
Ewa Dönitz	Coordinator, Business Unit Foresight for Strategy Development, ISI – Fraunhofer Institute for Systems and Innovation Research, Karlsruhe
Gerhard Eschelbeck	Vice President Security and Privacy Engineering, Google Inc., Cupertino, CA
Richard Grasl	Chief Financial Officer, ORF – Austrian Broadcasting Corporation, Vienna
Rudolf Strohmeier	Director-General, Publications Office, European Commission, Luxembourg
Klaus Vamberszky	Executive Vice President Technology, Zumtobel Group AG, Dornbirn
Michael Wagenhofer	Managing Director, ORS - Österreichische Rundfunksender GmbH & Co KG – Austrian Broadcasting Services (ORS), Vienna
Chair Peter Koren	Chairman, Association for the Promotion of Research and Innovation; Deputy Director General, Federation of Austrian Industries, Vienna
Coordination Isabella Meran-Waldstein	Deputy Head, Division Innovation and Technology, Federation of Austrian Industries, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

04 The Cycle of Innovation and its Ecology

04 Der Zyklus der Innovation und seine Ökologie

ENGLISH LANGUAGE

Innovation follows the cycle of "creative destruction" (Schumpeter). Resilience Science and Cultural Theory models show that different stages of the innovation cycle require different "characters": scientists, entrepreneurs, visionaries, etc. Computational science shows that these "different characters" apply different search strategies to solving problems. Citizen and Community Science as a broker within this ecology of innovation has a special (practical) role.

Innovationsprozesse folgen dem Muster des Zyklus der „schöpferischen Zerstörung“ (Schumpeter). Modelle aus dem Feld der Resilience Science und Cultural Theory zeigen klar, dass für das Gelingen dieses Zyklus unterschiedliche „Typen“ zusammenarbeiten müssen: Forschende, Entrepreneur, Querdenkende etc. Computational Science zeigt, dass von diesen „Typen“ unterschiedliche Such-Strategien zur Lösung eines Problems angewandt werden. Zur praktischen Verbindung und Überbrückung dieser unterschiedlichen Wissens- und Wissenschaftskulturen kommt dabei Citizen and Community Science dabei eine besondere Rolle zu.

Keynote	Harald Mahrer	State Secretary, Austrian Federal Ministry of Science, Research and Economy, Vienna
Discussion	Aletta Bonn	Professor and Head, Department of Ecosystem Services, Helmholtz Centre for Environmental Research (UFZ) and German Centre for Integrative Biodiversity Research (iDiv), and Chair, Ecosystem Services, Friedrich-Schiller-University Jena; Project Lead, GEWISS – Citizens Create Knowledge (BürGEr schaffen WISSen); Leipzig »Innovation Potential of Citizen Science«
	Jana Diesner	Assistant Professor, iSchool – Graduate School of Library and Information Science, University of Illinois, Champaign, IL »Human Centered Data Science: Changes and Obstacles«
	Brian D. Fath	Professor, Department of Biological Sciences, Towson University, Research Scholar, Advanced Systems Analysis, Young Scientists Summer Program, IIASA – International Institute for Applied Systems Analysis, Towson, MD »Understanding Ecosystem Dynamics for Design of Socio-Economic Systems: Following Nature’s Way«
	Michael Thompson	Senior Research Scholar, Risk Policy and Vulnerability Program, IIASA – International Institute for Applied Systems Analysis, Laxenburg »Epigenetic Landscapes and their Policy Implications«
	Verena Winiwarter	Professor for Environmental History, Institute of Social Ecology, and Dean, Faculty of Interdisciplinary Studies, University of Klagenfurt, Vienna »Sustainable Innovation as Edge Effect: Science Governance in a Transdisciplinary Environment«
Chair	Harald Katzmaier	Founder and Director, FAS.research, Vienna
Coordination	Marie-Louise Skolud	Assistant to the Director General, Scientific Research and International Affairs, Austrian Federal Ministry of Science, Research and Economy, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

05 Heavy Impact of Lightweight Design

05 Zukunftstechnologie Leichtbau

GERMAN LANGUAGE

As a cross-sectional technology, lightweight design is a strong field in the (Upper) Austrian industry. The technological and manufacturing opportunities are opening up completely new areas of application for products and processes. Lightweight design deals with the amalgamation of different approaches, independent of the materials and across industries: multi-material mix and "hybrid materials" play as much a role as connection technology. The research focuses on producing and connecting different materials as well as on structural lightweight construction and material development.

Als Querschnittstechnologie ist Leichtbau ein Stärkefeld der (ober)österreichischen Industrie. Die technologischen und fertigungstechnischen Möglichkeiten eröffnen völlig neue Anwendungsfelder für Produkte und Verfahren. Leichtbau befasst sich materialunabhängig und branchenübergreifend mit der Verquickung unterschiedlicher Ansätze: Multimaterialmix und „hybride Werkstoffe“ spielen ebenso eine Rolle wie die Verbindungstechnik. Die Forschung konzentriert sich auf Produzieren und Verbinden unterschiedlicher Materialien miteinander sowie auf den konstruktiven Leichtbau und die Materialentwicklung.

Introduction	Thomas Stelzer	Deputy State Governor, State of Upper Austria, Linz
Introduction	Michael Strugl	Member of Government, State of Upper Austria, Linz
	Patrick Kim	Bridge Builder and Technology Ponderer, Munich »Automotive Lightweight Engineering – Theses, Facts and Idle Talk«
	Esther Lind	Corporate Strategy and Business Development, voestalpine Edelstahl GmbH, Linz »Innovation has to Pay Off in an Aircraft«
	Frank M. Rinderknecht	Founder, Chief Executive Officer, Rinspeed AG, Zumikon »Unterwegs mit persönlichem Autopilot und Drohne – Zukunft, ich komme!«
	Martin Schagerl	Professor and Head, Institute of Constructional Lightweight Design, Johannes Kepler University Linz »Konstruktionsphilosophien des modernen Flugzeugbaus und deren mögliche Anwendung im Automobilbau«
	Alois K. Schlarb	Professor and Head, Chair of Composite Engineering, University of Kaiserslautern »Challenges and Opportunities in Thermoplastic Hybrid Composites«
	Johannes Staeves	Head, Cluster Lightweight Body Construction, BMW Group, Munich »Industrialisierung eines Multi-Materialkonzepts am Beispiel des BMW 7er«
Chair	Peter Bernscher	Executive Board Member, voestalpine Metal Forming GmbH, Krems
Coordination	Anke Merkl-Rachbauer	Manager, Investor Relations and Location Management, Business Upper Austria – OÖ Wirtschaftsagentur GmbH, Linz

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

06 Looking Into the Unknown and Shifting Horizons

06 Der Blick ins Ungewisse und die Verschiebung des Horizonts

GERMAN LANGUAGE

Which technologies will decisively alter our lives? How do discoveries come to pass that lead to a radical change of thinking? Do worldwide changes happen by chance or is science driven by economic requirements? Today we have computer programmes that recognise global trends in the field of innovation – those who want to succeed in the competitive environment have to adopt these trends early on. Scientists will talk about their work and its value – they will give us an outlook to the future and show us that the horizon is not where we expect to see it.

Welche Technologien werden unser Leben maßgeblich verändern? Wie entstehen Entdeckungen, die zu einem radikalen Umdenken führen? Sind es Zufälle, die weltweite Veränderungen bewirken, oder wird die Wissenschaft von wirtschaftlichen Anforderungen gelenkt? Heute existieren Computerprogramme, die globale Trends im Innovationsbereich erkennen – wer im harten Wettbewerb bestehen möchte, muss diese rechtzeitig aufgreifen. WissenschaftlerInnen sprechen über ihre Arbeit und die Verwertbarkeit. Sie geben einen Ausblick in die Zukunft und zeigen, dass der Horizont nicht dort liegt, wo wir ihn zu sehen glauben.

Introduction	Petra Bohuslav	Member of the Provincial Government of Lower Austria for Economic Affairs, Tourism, Technology and Sports, St. Pölten
	Gerhard Drexler	Head, Research and Development, Mondi Uncoated Fine Paper GmbH, Ulmerfeld
	Pauline Gagnon	Experimental Physicist, ATLAS Experiment, CERN – European Organization for Nuclear Research; Retired Senior Research Scientist, Department of Physics, Indiana University, Bloomington, IN, – Chicoutimi, Quebec »CERN – Improbable Feats and Useless Discoveries«
	Eugen B. Hug	Medical Director, EBG MedAustron GmbH, Wr. Neustadt
	Rudolf Kraska	Head, Center for Analytical Chemistry; Deputy Chairman, Scientific Initiative “Bioresources & Technologies”, University of Natural Resources and Life Sciences, Tulln »Mykotoxin-Analytik und Metabolomics als Basis zur Vermeidung biologischer Kontaminationen in landwirtschaftlichen Produkten«
	Rita Seeböck	Junior Researcher, Project Management, Department Life Sciences – Biotechnologies, IMC University of Applied Sciences Krems »Personalisierte Medizin: Globale Visionen und individueller Nutzen«
Chair	Claus Zeppelzauer	Head of Department, Company and Technology, ecoplus. The Business Agency of Lower Austria, St. Pölten
Coordination	Karin Herzog	Project Manager, Enterprise & Technology, ecoplus – the Business Agency of Lower Austria, St. Pölten

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

07 Radical Innovations: More Courage to Take Risks

07 Radikale Innovationen: Mehr Mut zum Risiko

GERMAN LANGUAGE

For quite some time people in Austria have been discussing to take more risks with the promotion of applied research. Steve Jobs has already stated that those who want to bring the new into the world have to stay "hungry and daring". Promotional programmes – geared to reliability and under the pressure of scarce resources – tend to foster projects that promise to be successful. How do national and international stakeholders deal with the area of friction between security and daring creative destruction? Which models for a fair trade-off between risks and rewards exist in the risky cooperation of science and economy?

Seit einiger Zeit wird in Österreich über mehr Risiko bei der Förderung wirtschaftsnaher Forschung diskutiert. Bereits Steve Jobs sprach davon, dass „hungrig und tollkühn“ bleiben muss, wer Neues in die Welt bringen möchte. Förderungen, ausgerichtet auf Verlässlichkeit und unter dem Druck knapper Ressourcen, unterstützen tendenziell das Erfolgsversprechende. Wie geht man national und international mit dem Spannungsfeld Sicherheit vs. tollkühner schöpferischer Zerstörung um? Welche Modelle zur fairen Vereinbarung von Risiko und Erträgen in der risikoreichen Kooperation Wissenschaft – Wirtschaft gibt es?

Franz Franchetti	Associate Professor, Department of Electrical and Computer Engineering, Carnegie Mellon University, Pittsburgh, PA
Stefan Kubicek	Assistant Professor and Head of Chemical Screening and Placebo, Christian Doppler Laboratory for Chemical Epigenetics and Antiinfectives, CeMM – Research Center for Molecular Medicine of the Austrian Academy of Sciences, Vienna
Christopher Lindinger	Director Research and Innovation, Ars Electronica Futurelab, Linz
Stefanie Lindstaedt	Professor and Head, Knowledge Technologies Institute, Graz University of Technology; Chief Executive Officer, Know-Center GmbH, Graz
Thomas Wallner	Principal Mechanical Engineer, Argonne National Laboratory; Adjunct Assistant Professor, Department of Mechanical Engineering, Michigan Technological University; Vice-President, ASciNA – Austrian Scientists and Scholars in North America, Argonne, IL
Katharina Warta	Senior Consultant and Authorized Representative, Technopolis Austria; Chairwoman, Austrian Platform for Research and Technology Policy Evaluation, Vienna
Chair Sabine Pohoryles-Drexel	Deputy Head, Department Research, Technology and Innovation Strategy and International Research and Technology Cooperations, Austrian Federal Ministry of Science, Research and Economy, Vienna
Coordination Charlotte Alber	Head, Human Potential Programme, w-FFORTE and Laura Bassi Centres of Expertise, FFG – Austrian Research Promotion Agency, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

08 The Acceptance of Technologies by Pupils with Migration History – a Plea for Transcultural Competence as new Enlightenment

08 Technologierezeption von neuen Bildungswerbenden – ein Plädoyer für transkulturelle Kompetenz als neue Aufklärung

GERMAN LANGUAGE

If digitisation and Internet technologies are the drivers of future working environments, schools have to take over a new task: young people with immigrant backgrounds are often not as technology-savvy as required by workplaces in Western societies. Schools generally have a hard time to convey "digital skills" in a comprehensive way. If the individual competence towards the learning process aggravates this, digital competence and familiarity with Western living and working worlds are even less easily accessible. Is this a proven fact – or just promoting prejudices? Will a modern interpretation of a new Enlightenment including social values, especially concerning the gender question, be helpful?

Wenn Digitalisierung und Internettechnologien Motoren zukünftiger Arbeitswelten und einer aktuellen Lernkultur sind, haben die Schulen eine neue Aufgabe bekommen: Jugendliche aus MigrantInnen-Milieus sind oft nicht so technologieaffin, wie Arbeitsplätze in westlichen Gesellschaften dies erfordern. Die Schulen tun sich schwer, „Digital Skills“ in umfassender Weise zu vermitteln. Wenn nun die persönliche Haltung zum Lernprozess dies noch erschwert, werden digitale Kompetenzen und die Vertrautheit mit westlichen Lebens- und Arbeitswelten umso schwerer erreichbar. Ist dies wirklich so – oder werden hier nur Vorurteile geschürt? Ist eine moderne Interpretation einer neuen Aufklärung, die gesellschaftliche Werte vor allem auch hinsichtlich der Genderfrage erfasst, dabei nützlich?

Michael Boltz	Professor, Secondary Technical School for Textile Industry and Data Processing, Vienna »Flüchtlinge im Computerpraktikum – erste Erkenntnisse.«
Renate Csellich-Ruso	Founder, CR-Communication, Vienna »Transkulturelle Kompetenz in Sprache und Unterricht«
Carsten Johnson	Academy Manager, Cisco Systems GmbH, Berlin »IT-Kompetenzeinschätzung bei Flüchtlingen«
Tomas Mjörnheden	Planning Officer, The Adult Education Authority of Göteborg »The Labour Market and Adult Education Authority«
Martin Müller	Professor, School Center Ungargasse, Vienna »Zwei Lehrer und sechs Schüler demonstrieren „Technologieverständnis“ mit speziellen Unterrichtssequenzen.«
Christiane Spiel	Professor, Head, Department of Applied Psychology: Work, Education, Economy, Faculty of Psychology, University of Vienna »Lernen und Neue Medien«
<small>Chair</small> Christian Dorninger	Head, Directorate of Technical, Vocational and Adult Education, Austrian Federal Ministry of Education, Vienna
<small>Coordination</small> Christian Schrack	Expert on School and Research, Division II/8 – IT Didactics and Digital Media, Austrian Federal Ministry of Education, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

09 Cyber Security: A Fundamental Right

09 Cyber Security: Ein Grundrecht

ENGLISH LANGUAGE

The quality of today's IT systems is determined by its resilience to existing and future technological and organisational security gaps. IT security always deals with future attacks on today's IT systems. Apart from prevention it is of decisive importance to detect novel ways of attacks. On top of that, to guarantee civil security, privacy and transparency we also have to address legal requirements and the design of future IT systems ("right to be forgotten", "data retention", etc.).

Die Qualität der Sicherheit heutiger IT-Systeme wird von ihrer Widerstandsfähigkeit gegenüber existierenden und zukünftigen technischen und organisatorischen Sicherheitslücken bestimmt. IT-Security hat immer mit zukünftigen Angriffen auf IT-Systeme von heute zu tun. Neben der Prävention spielt dabei auch die Erkennung neuartiger Angriffe eine entscheidende Rolle. Darüber hinaus müssen wir uns für die zivile Sicherheit, Datenschutz und Transparenz mit gesetzlichen Vorgaben und der Gestaltung von IT-Systemen der Zukunft („Right to be forgotten“, „Vorratsdatenspeicherung“, etc.) beschäftigen.

Freddy Dezeure	Head of CERT-EU, Computer Emergency Response Team of the EU Institutions, Bodies and Agencies, Brussels »Security and Privacy Challenges in a Governmental Environment«
Isao Echizen	Professor, Digital Content and Media Sciences Research Division, National Institute of Informatics; School of Multidisciplinary Sciences, Graduate University For Advanced Studies, Tokyo »Security and Privacy Challenges at Border between Cyber and Physical Worlds«
Lokke Moerel	Professor of Global ICT Law, Institute for Law, Technology, and Society, Tilburg University, Tilburg »The Internet of Things«
Günter Müller	Professor and Head, Institute of Computer Science and Social Studies, University of Freiburg »Normativity: A Threat to Civil Security«
Reinhard Posch	Professor and Head, Institute for Applied Information Processing and Communications, Graz University of Technology; Chief Information Officer of the Austrian Federal Government; Graz »We need New Paradigms for Efficient Cyber Security«
Bart Preneel	Professor and Head, COSIC – Computer Security and Industrial Cryptography Group, Department of Electrical Engineering, University of Leuven, Heverlee »The Future of Cybersecurity«
Chair A Min Tjoa	Head, Institute for Software Technology and Interactive Systems, Vienna University of Technology, Vienna
Coordination Edgar Weippl	Research Director, SBA Research; Associate Professor, Vienna University of Technology, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HOTEL BÖGLERHOF

WORKING GROUP

10 Open Access & Open Innovation – Tools for a New Enlightenment?

10 Open Access & Open Innovation als Instrumente einer neuen Aufklärung?

GERMAN LANGUAGE

Open Access, Open Innovation, Open Data – these are concepts that are increasingly used as tools for democratizing the digital landscape. Some even postulate the free access to contents and data as a normative demand to a new enlightenment. "All digital" undoubtedly has huge advantages, but there are also challenges that have to be discussed. We are dealing here with major topics like freedom of thinking and intellectual property, technological questions like necessary infrastructure, and operative questions like storage and publishing formats.

Open Access, Open Innovation, Open Data – Begriffe, die zunehmend als Instrumente zur Demokratisierung im digitalen Raum verstanden werden. Manche gehen sogar so weit, diese freie Zurverfügungstellung von Inhalten und Daten als normativen Anspruch einer neuen Aufklärung zu postulieren. „All digital“ bringt zweifelsohne riesige Vorteile, birgt aber auch Herausforderungen, die einer Diskussion bedürfen. Dabei geht es um Kardinalthemen wie Freiheit des Denkens und geistigen Eigentums, um technische Fragen nach notwendiger Infrastruktur bis hin zu operativen Fragen von Archivierung und Publikationsformaten.

Gerald Bast	Rector, University of Applied Arts Vienna »Wissen ist Macht. – aber wem bringt Open Access tatsächliche Verfügungsmacht über das Wissen im digitalen Raum?«
Gerald Ganzger	Attorney-at-Law and Managing Partner, LANSKY, GANZGER & Partner Rechtsanwälte GmbH, Vienna »Rechtliche Möglichkeiten und Grenzen von Open Innovation, Open Access und Open Data«
Mariana Karepova	President, Austrian Patent Office, Vienna
Sabine Ladstätter	Director, Austrian Archaeological Institute; Head, Ephesos Excavations, Vienna »Publish or Perish – Open Access in den Geisteswissenschaften«
Gerhard Lauer	Professor, Department of German Philology, University of Göttingen »Was heißt und zu welchem Zweck muss eine Wissensgesellschaft offen sein?«
Daniel Spichtinger	Senior Policy Officer, Open Science and Open Access, Directorate-General for Research and Innovation, European Commission, Brussels
Chair Rainer Nowak	Editor-in-Chief, Die Presse, Vienna
Chair Gabriele Ambros	President, Forschung Austria; Managing Partner, Bohmann Publishing Group and Holzhausen Scientific Publishing, Vienna
Coordination Robert Lichtner	Secretary General, Forschung Austria; Managing Director, Holzhausen Scientific Publishing and Bohmann Publishing Group, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

11 Realities and Futures of Robotics

11 Robotik – Realitäten und Zukunftsperspektiven

ENGLISH LANGUAGE

At the moment, the field of robotics gets a high level of attention. However, the public's perception is dominated by inflated expectations and fears, caused partly by the media. The diversity of these machines and their impact on economies and societies are highly complex and elusive due to their variety and the constantly growing cognitive abilities of robots. Experts from the various fields of robotics will therefore present their points of view and discuss the socio-economic upheavals that are to be expected.

Robotik erfährt gegenwärtig eine sehr hohe Aufmerksamkeit. Beeinflusst durch die Medien wird allerdings die öffentliche Wahrnehmung durch überhöhte Erwartungen und auch Ängste dominiert. Die Diversität dieser Maschinen sowie ihre Auswirkungen auf Wirtschaft und Gesellschaft sind aufgrund der Vielfältigkeit und der stetig wachsenden kognitiven Fähigkeiten von Robotern überaus komplex und in ihrer Gesamtheit nur schwer fassbar. Expertinnen und Experten unterschiedlichster Robotik-Disziplinen werden daher ihre Sichtweisen darstellen und die zu erwartenden sozioökonomischen Umbrüche diskutieren.

Sigrid Brell-Cokcan	Professor of Individualized Building Production, Faculty of Architecture, RWTH Aachen University, Aachen »Creative Robotics – Robots as enablers for the creative industry and construction«
Karl Crailsheim	Professor, Institute of Zoology, University of Graz »What can Robots learn from Honeybees? Bioinspired Algorithms in Swarm Robotics«
Juha Heikkilä	Head of Unit Robotics and Artificial Intelligence, Directorate for Components and Systems, Directorate-General for Communications Networks, Content and Technology, European Commission, Luxembourg »Robotics as a Driver of Digital Innovation«
Manfred Husty	Professor and Head of Unit Geometry and CAD, Institute of Basic Sciences in Engineering Science, University of Innsbruck »Why is there still Need for Basic Research in Robotics?«
Björn Matthias	Senior Principal Scientist, ABB Research Center Germany, Ladenburg »Where is Industrial Robotics going? Promises and Pitfalls«
Yulia Sandamirskaya	Junior Group Leader, Institute of Neuroinformatics, University of Zurich and ETH Zurich »Neuromorphic Technology in Robotics: Towards Flexible, Adaptive, Cognitive Robots while Improving our Understanding of Neuronal Mechanisms and Embodiment of Cognition.«
Roland Yves Siegwart	Professor for Autonomous Systems and Director, Institute of Robotics and Intelligent Systems, ETH – Swiss Federal Institute of Technology in Zurich »Robots Leaving the Production Halls«
Chair Michael Hofbaur	Director, ROBOTICS – Institute for Robotics and Mechatronics, JOANNEUM RESEARCH Forschungsgesellschaft mbH, Klagenfurt
Coordination Mathias Brandstötter	Deputy Director, ROBOTICS – Institute for Robotics and Mechatronics, JOANNEUM RESEARCH Forschungsgesellschaft mbH, Klagenfurt

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

12 Energiewende – Empowering Consumers

12 Energiewende – die Macht der Konsumenten

ENGLISH LANGUAGE

A new Enlightenment means that our world view on energy will have to change – changes that we knew we would have to take even before the climate conference in Paris. However, who will be the driving force behind these changes? And does that mean that consumers will become more powerful? Under the keyword "Energiewende", the breakout session "Empowering consumers" of the Climate and Energy Fund will discuss with international experts how the transition process to a new enlightened energy world can move ahead and what role innovative technologies can play.

Neue Aufklärung bedeutet, dass sich unser (Energie-)Weltbild ändern muss – eine klimapolitische Notwendigkeit, nicht erst seit der Klimakonferenz in Paris. Doch wer wird die nötigen Veränderungsprozesse vorantreiben? Und bedeutet es auch, dass KonsumentInnen mehr Macht erhalten? Der Arbeitskreis „Die Macht der Konsumenten“ des Klima- und Energiefonds wird mit internationalen ExpertInnen unter dem Stichwort „Energiewende“ diskutieren, wie der gesellschaftliche Übergangsprozess in die neue, aufgeklärte Energie-welt vorangetrieben werden kann und welche Rolle innovative Technologien spielen.

Judith Denkmayr	Chief Corporate Development and Communication Officer, Vice CEE Group, Vienna »What can we Learn from the Digital Perspective?«
Erich Kirchler	Professor and Deputy Head, Department of Applied Psychology: Work, Education, Economy, and Vice Dean, Faculty of Psychology, University of Vienna »Nudging«
Michaela Kollau	Policy Officer, Unit Retail Markets; Coal and Oil, Directorate-General for Energy, European Commission, Brussels
Gertraud Leimüller	Founder and Chief Executive Officer, winnovation consulting gmbh; Deputy Chairwoman, Kreativwirtschaft Austria, Vienna »The Creative Prospective«
Gordana Popovic	Research Programme Agent, Computer Science, Engineering and Earth System Science Unit, Scientific Management Department, ERCEA – European Research Council Executive Agency, Brussels »Breakthroughs in Energy Research Funded by the European Research Council«
Chair Lisa Mayr-Sinnreich	Editor, Der Standard, Vienna
Chair Theresia Vogel	Managing Director, Climate and Energy Fund of the Austrian Government, Vienna
Coordination Katja Hoyer	Public Relations Manager, Climate and Energy Fund of the Austrian Government, Vienna

Friday, 26.08.2016

Breakout

13:00–18:00

HAUPTSCHULE

WORKING GROUP

13 Security of Supply as a Locational Factor

13 Standortfaktor Versorgungssicherheit

GERMAN LANGUAGE

Economies and working environments are currently changing like never before. Industry 4.0 is the keyword and the main challenge at the same time. A basic requirement for this global transformation is energy in the form of electricity. To guarantee the security of supply by providing a highly modern power grid is of utmost importance – as a relevant locational factor but also for the security-critical infrastructure of any country. In this context the question arises as to what constitutes the economic and ecological values of the security of supply.

Die Wirtschaft und die Arbeitswelt verändern sich derzeit in einem noch nie erlebten Maß. Industrie 4.0 ist das Schlagwort und gleichzeitig die Herausforderung schlechthin. Grundvoraussetzung für diese globale Transformation ist Energie in Form von Strom. Dabei spielt die Gewährleistung der Versorgungssicherheit durch ein hochmodernes Stromnetz die wichtigste Rolle – als relevanter Standortfaktor, aber auch als sicherheitskritische Infrastruktur eines Landes. Hier stellt sich auch die Frage nach dem ökonomischen und ökologischen Wert der Versorgungssicherheit.

Ulrike Baumgartner-Gabitzer	Chief Executive Officer, Austrian Power Grid AG, Vienna
Nina Hampl	Professor for Sustainable Energy Management and Deputy Head, Department of Operations, Energy, and Environmental Management, University of Klagenfurt
Axel Kühner	Chief Executive Officer, Greiner Holding AG, Kremsmünster
Susanne Nies	Corporate Affairs Manager, ENTSO-E – European Network of Transmission System Operators for Electricity, Brussels
Jürgen Schneider	Director of Sales and Authorized Signatory, Environmental Agency Austria, Vienna
Wolfgang Urbantschitsch	Member of the Executive Board, Energie-Control Austria, Vienna
<small>Chair</small> Christian Helmenstein	Chief Economist, Federation of Austrian Industries; Head, Economica – Institute of Economic Research, Vienna
<small>Coordination</small> Harald Schitnig	Senior Consultant, Pantarhei Corporate Advisors, Vienna

Friday, 26.08.2016

Breakout

9:00–18:00

LIECHTENSTEIN-SAAL

SCIENCE BASTLER

Junior Alpbach – Science and Technology for Young People

Junior Alpbach – Wissenschaft und Technologie für junge Menschen

GERMAN LANGUAGE

What makes things work? Take apart toys and tinker with technology

Have you ever wondered how your toys and gadgets look inside? Get some screwdrivers, scissors and saws and break toys and electronic objects open, dissect them, unveil their components and explore their mechanical and electrical principles. As soon as the toys are taken down to their smallest pieces, you will hack them together and build something new out of them: a tiny robot, a “Franken-toy”, or an interactive piece of art. Taking things apart and unveiling their inner workings has proven to be a playful and meaningful way of getting to know how the world works. Exploring contemporary meanings of the age-old practice of taking things apart may create a particular instantiation of a new enlightenment, aiming to illuminate our changing relations to the technology that surrounds us.

Please note: limited number of participants, registration necessary!

Information and registration: Karin Kohlfürst, T +43 (664) 340 20 71, E karin@highent.org

Auseinander-Setzen durch Auseinandernehmen: das Innenleben elektronischer Spielzeuge und anderer Spielereien

Wie sehen eigentlich elektronische Spielzeuge und Gadgets im Inneren aus? Schraubenzieher, Scheren, Sägen und andere einfache Werkzeuge reichen aus, um verschiedenste Dinge auseinander zu nehmen, in ihre Einzelteile zu zerlegen, und ihre mechanischen und technologischen Grundlagen zu erforschen. Aus den vielen Einzelteilen werden wir anschließend neue Dinge basteln: Kleine Roboter, schreckliche Monster, oder auch interaktive Kunstwerke. Durch das Zerlegen von Objekten entsteht eine spielerische und bedeutsame „Auseinander-Setzung“ mit den Dingen die uns umgeben. Durch das eigene kreative Arbeiten mit unterschiedlichen Technologien werden mechanische und technologische Zusammenhänge nicht nur sichtbar sondern auch begreifbar gemacht. Im Sinne einer neuen Aufklärung zielt die Re-Interpretation der Praktik des Zerlegens darauf ab, unsere Beziehung zu den uns umgebenden Technologien zu hinterfragen.

Achtung: begrenzte Teilnehmerzahl, Anmeldung erforderlich!

Informationen und Anmeldung: Karin Kohlfürst, T +43 (664) 340 20 71, E karin@highent.org

Welcome	Kathryn List	Member of the Council, European Forum Alpbach, Graz
Introduction	Sonja Hammerschmid	Austrian Federal Minister of Education, Vienna
Introduction	Barbara Weitgruber	Director General for Scientific Research and International Relations, Austrian Federal Ministry of Science, Research and Economy, Vienna
	Friedrich Kleinhapl	Cellist, Vienna
	Alina Krischkowsky	Research Fellow, Center for Human-Computer Interaction, University of Salzburg
	Martin Murer	Senior Scientist, Center for Human-Computer Interaction, University of Salzburg
	Georg Regal	Junior Scientist, Business Unit Technology Experience, AIT Austrian Institute of Technology GmbH, Vienna
	Thorsten Rohde	Managing Director, Rohde-BeSB Noise + Vibration GmbH; Lecturer, Graz University of Technology and University of Music and Performing Arts Vienna; Salzburg
	Daniela Wurhofer	Research Fellow, Center for Human-Computer Interaction, University of Salzburg

Friday, 26.08.2016

Breakout

9:00–15:00

HAYEK-SAAL

SCIENCE BASTLER

Ö1 Children's University Alpbach – Science and Technology for Kids

Ö1 Kinderuni Alpbach – Wissenschaft und Technologie für Kinder

IN COOPERATION WITH YOUNG UNIVERSITY INNSBRUCK

GERMAN LANGUAGE

The children's programme of the Alpbach Technology Forum invites girls and boys to solve the questions of "How?" and "Why?" in science and technology in an entertaining way. They get a chance to experience research hands-on and ask questions freely, thus gaining access to scientific themes in an enticing, surprising and above all comprehensible way. These are experiences that stimulate children to think and explore further and will also be passed on to a broader audience together with the radio programme "Ö1 Children's University".

In-sight.

First we would like to know: what are media? By which means did people communicate in earlier times and what about today? Next we will focus on electronic and digital media. We will talk about the visible and invisible using concrete examples. Of special interest will be the question if and how the images correlate with my/your reality and/or vision.

Das Kinderprogramm der Alpbacher Technologiegespräche lädt Mädchen und Buben dazu ein, dem „Wie?“ und „Warum?“ von Wissenschaft und Technologie auf unterhaltsame Weise nachzugehen. Die Möglichkeit, Forschung hautnah zu erleben und unbefangene Fragen zu stellen, erschließt wissenschaftliche Themen in reizvoller, überraschender und vor allem verständlicher Form. Erfahrungen, die zum Weiterdenken und Weiterforschen anregen und in Verbindung mit der Sendereihe „Die Ö1 Kinderuni“ auch einem breiteren Publikum vermittelt werden.

Ein-Blick.

Zuerst einmal wollen wir wissen: Was sind eigentlich Medien? Womit kommunizieren Menschen früher und wie sieht es heute aus? In den Mittelpunkt werden dann die elektronischen und digitalen Medien gestellt. Anhand von Beispielen werden wir über das dort Sicht- und Unsichtbare sprechen. Besonders interessant wird es dann, wenn wir uns die Frage stellen: Was am Bild stimmt mit meiner/deiner Realität und/oder Vorstellung überein?

Die Ö1 Kinderuni im Internet: <http://oe1.orf.at>

Welcome	Karl Amon	Head of Radio Broadcasting, Austrian Broadcasting Corporation, Vienna
Introduction	Sonja Hammerschmid	Austrian Federal Minister of Education, Vienna
Introduction	Barbara Weitgruber	Director General for Scientific Research and International Relations, Austrian Federal Ministry of Science, Research and Economy, Vienna
	Bettina Larl	Project Member and Ph.D. Candidate, Department of Linguistics, Institute of Languages and Literatures, University of Innsbruck
	Sandra Mauler	Graduate Student, European Ethnology, University of Innsbruck
	Ulrike Pfeiffenberger	Chair, Junge Uni Innsbruck and Ph.D. Candidate in Educational Science, University of Innsbruck
	Christina Schmölz	Media Studies, Interdisciplinary Media Research, University of Innsbruck
	Elisabeth Waldhart	Student Assistant, Department of Archaeology, University of Innsbruck
Coordination	Martin Bernhofer	Head, Science Department, Austrian Broadcasting Corporation – Programme Radio 1, Vienna

CULTURAL PROGRAMME

ERWIN-SCHRÖDINGER-SAAL

EXHIBITION OPENING

Best of Art and Science

IN COOPERATION WITH ARS ELECTRONICA

THE EXHIBITION WILL TAKE PLACE FROM THURSDAY, AUGUST 25 AT 13:00, UNTIL SATURDAY, AUGUST 27 AT 14:00.

#ART TEC, the new exhibition programme at the Alpach Technology Symposium, visualises the future-oriented potential of linking technological development and scientific procedures with artistic creativity. The exhibition “Best of Art & Science” is an impressive example of how exciting and innovative interdisciplinary projects at this interface can be.

#ART TEC hat sich die Aufgabe gestellt, das zukunftsweisende Potenzial der Verbindung von technologischen Entwicklungen und wissenschaftlichen Verfahren mit künstlerischer Kreativität sichtbar zu machen. Die Ausstellung „Best of Art & Science“ zeigt eindrucklich, wie spannend und innovativ interdisziplinäre Projekte an dieser Schnittstelle sein können.

Thursday, 25.08.2016

Culture

18:15–19:00

FEUERWEHRHAUS

READING

“Inherited Disorders”

ENGLISH LANGUAGE

For the first time in Europe the Harvard-educated author gives a reading from his debut novel. With fantasy and bottomless entertainment, he deals with a most serious subject – the eternally-vexed relations between fathers and sons.

Der in Harvard ausgebildete Autor liest erstmals in Europa aus seinem Erstlingswerk, das phantasievoll und unglaublich unterhaltsam die vielfältigen Beziehungen zwischen Vätern und Söhnen ausmisst.

Adam Sachs Writer, Cambridge

Chair **Philippe Narval** Managing Director, European Forum Alpbach, Vienna

Friday, 26.08.2016

Culture

20:30–22:00

ELISABETH-HERZ-KREMENAK-SAAL

CONCERT

“In 80 Minutes around the World.” More than a Concert
„In 80 Minuten um die Welt.“ Mehr als ein Konzert

SUPPORTED BY AVL CULTURAL FOUNDATION

ENGLISH LANGUAGE

With his music, the gifted cellist Friedrich Kleinhapl is at home all over the world. Accompanied by a congenial partner at the piano, Andreas Woyke, and supported by the sensational "active acoustic" of the Elisabeth Herz-Kremenak-Saal at the Congress Centre Alpbach, the two musicians take us on a magical journey in sound to some of the world's best concert halls.

Mit seiner Musik ist der begnadete Cellist Friedrich Kleinhapl auf der ganzen Welt zu Hause. Begleitet von einem kongenialen Partner am Klavier, Andreas Woyke, entführen uns die beiden Musiker, unterstützt von der sensationellen „aktiven Akustik“ des Elisabeth Herz-Kremenak-Saals des Congress Centrums Alpbach auf eine magische Klangreise in einige der besten Konzertsäle der Welt.

Welcome	Kathryn List	Member of the Council, European Forum Alpbach, Graz
	Friedrich Kleinhapl	Cellist, Vienna
	Andreas Woyke	Pianist, Graz

SOCIAL PROGRAMME

Thursday, 25.08.2016

Social

21:30-23:30

HOTEL BÖGLERHOF

RECEPTION

Evening Reception

Abendempfang

HOSTED BY FORSCHUNG AUSTRIA AND AUSTRIAN FEDERAL MINISTRY FOR TRANSPORT, INNOVATION AND TECHNOLOGY

21:30-23:00

ELISABETH-HERZ-KREMENAK-SAAL

RECEPTION

Career Lounge

Karrierelounge

HOSTED BY SIEMENS AG ÖSTERREICH

Networking for (aspiring) young high potentials with top-level research and economic representatives / *Networking von (angehenden) Young High Potentials mit SpitzenvertreterInnen aus Forschung und Wirtschaft*

Friday, 26.08.2016

Social

12:30-13:00

HAUPTSCHULE

RECEPTION

Lunch Snacks for the Participants of the Breakout Sessions

Imbiss für die TeilnehmerInnen der Breakout Sessions

Saturday, 27.08.2016

Social

13:30-14:00

OTTO-MOLDEN-FOYER

RECEPTION

Snack Reception

Imbiss zum Abschluss der Veranstaltung

HOSTED BY THE ORGANISERS OF THE ALPBACH TECHNOLOGY SYMPOSIUM AND GOOGLE, INC.

Notes / Notizen

Notes / Notizen

Notes / Notizen

FURTHER INFORMATION

DAILY PROGRAMME AND APP

This programme folder provides you with detailed information on your chosen event. The speakers appear in alphabetical order, unless they hold a keynote speech or give an introduction. Chairs are mentioned last. Speakers marked with (tbc) are not confirmed yet. Small changes can still occur after the editorial deadline. Please find the updated daily programme at www.alpbach.org/daily as well as on the notice boards in the Congress Centre Alpbach and the main hotels. In cooperation with Superevent, the European Forum Alpbach offers a programme-app for smartphones (Android and iPhone), which allows you to receive all programme information and updates on your mobile phone.

CVS OF SPEAKERS

The compilation of the CVs of the speakers called “Who is Who” is available at the reception desk and for on-demand printing at the Xerox printing stations in the Congress Centre Alpbach, Hauptschule and Volksschule. All CVs are also listed on our website.

LIST OF PARTICIPANTS

An up-to-date list of participants is available at the reception desk and for on-demand printing at the Xerox printing stations.

SOCIAL MEDIA #EFA16

We invite you to use your social networks to share your impressions of the European Forum Alpbach. Please follow us on Twitter: @forumalpbach, #EFA16; Facebook: @European Forum Alpbach; Flickr: European Forum Alpbach; Instagram: /forumalpbach.

VENUES AND TRANSLATION

Most plenary sessions take place in the Congress Centre Alpbach. Most breakout sessions are held in the Alpbach secondary school (Hauptschule) and in different hotels. For further information regarding the venues, please observe the current programmes mentioned above.

Most plenary sessions taking place in the Elisabeth-Herz-Kremenak-Saal and Erwin-Schrödinger-Saal are translated simultaneously into English and German. Earphones and receivers can be obtained at the door – please hand them back after the plenary session. Our special thanks go to the interpreters who, out of the affinity to the Forum, kindly forego their usual fee and instead translate for a small daily compensation. Information about the language of each plenary session can be found online, through our app and in the printed conference programme.

ACCESS BADGE

The access badge received upon registration entitles you to participate in the events of the European Forum Alpbach 2016 during the indicated period. The badge has to be carried visibly and is not transferable. Please return the badge to the registration desk upon your departure so that we can ensure its environmentally-friendly re-use.

FAQ

For further information regarding your stay in Alpbach, please see www.alpbach.org/faq

ALPBACH BY PUBLIC TRANSPORT

From and to Alpbach there is a daily public bus line (bus line 4074), as well as a free shuttle service (from Wörgl via Alpbach to Inneralpbach). In addition, there is a free night shuttle from Böglhof bus stop to Inneralpbach-Reith-Kramsach-Brixlegg. The shuttle service is offered free of charge thanks to the support of our partner ÖBB-Postbus GmbH. Upon registration at your accommodation you will receive the “Alpbachtal Seenland Card” which enables you to use the public bus free of charge during the entire duration of the Forum.

The Alpbach cab company Taxi Moser offers special rates to the participants of the European Forum Alpbach. Please check our website (under the category “Alpbach by public transport”) for further information, timetables and contact details.

CHILDCARE

We offer professional childcare for children from the age of 2 to 14 whose parents are registered participants in the European Forum Alpbach. This service is kindly supported by Familie & Beruf Management GmbH.

Venue: Kindergarten (in the Volksschule Alpbach)

Please find further details at www.alpbach.org/childcare.

On August 26, special additional activities for children and teenagers (aged between 7 and 17) are offered as part of the official programme of Ö1-Kinderuni and Junior Alpbach.

GREEN MEETING ALPBACH

Green Meeting Alpbach is a project initiated by the European Forum Alpbach and the Congress Centre Alpbach in order to make our events more sustainable and ecologically responsible. As a result of this commitment, the European Forum Alpbach was the first conference organiser ever to be awarded the Austrian ecolabel for Green Meetings. Please help us to make our event more environment-friendly.

INTERNET ACCESS

We offer free internet access at the internet café, which can be found on the ground floor of the primary school building (Volksschule). It is equipped with 20 computers (web access) and printers.

Opening hours: 9 a.m. – 7 p.m.

In addition, free WLAN is available in the Congress Centre Alpbach, the primary school (Volksschule) and the secondary school (Hauptschule).

Contact / Kontakt

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