AUSSEN WIRTSCHAFT FORUM
THE FUTURE OF BUILDING 2018
Tuesday, 8.- 9.5.2018

PROGRAM
Location: Austrian Federal Economic Chamber | Advantage Austria
Wirtschaftskammer Österreich | Außenwirtschaft Austria
Wiedner Hauptstraße 63 | 1045 Wien
Last update: 20.4.2018 | Subject to changes
Language: English

In cooperation with: Co-sponsored by

a shared initiative of the Austrian Federal Ministry for Digital, Business and Enterprise and the Austrian Federal Economic Chamber
FORUM
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PROGRAM
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TUESDAY, 8.5.2018

08.00 – 09.00 REGISTRATION
ZONE C0  (NEXT TO JULIUS RAAB SAAL)

CONFERENCE START
ZONE C0  (JULIUS RAAB SAAL)
Facilitator: Wojciech Czaja

09.00 – 09.20 WELCOME REMARKS
• Ulrike Rabmer-Koller | Vice-President, Austrian Federal Economic Chamber
• Patrick Sagmeister | Deputy Director General, Advantage Austria
• Iris Marlovits | Enterprise Europe Network Austria

EXPLORE A FUTURE WORLD OF DIFFERENCE
ZONE C0  (JULIUS RAAB SAAL)

09.20 – 10.00 KEYNOTE “MATERIALIZATION, DIGITALIZATION AND CUTTING-EDGE TECHNOLOGIES”
• Matias del Campo, Professor of architecture at the A. Alfred Taubman College of architecture and urban planning at the University of Michigan
http://umich.academia.edu/MatiasdelCampo
Matias del Campo deals with obsessive explorations of contemporary moods, fueled by an opulent repertoire of materialization protocols in nature, cutting-edge technologies and philosophical inquiry, together forming a comprehensive design ecology.

10.00 – 10.30 DIALOGUE ON FUTURE TRENDS
• Matias del Campo
• Renate Hammer | Institute of Building, Research & Innovation
• Hans Wenkenbach | COO PORR
• Karin Stieldorf | Austrian Sustainable Building Council
• Lucas Winter | Doka Venture

10.30 – 11.00 COFFEE BREAK
11.00 – 13.00 EXHIBITION / TRADE SHOW
ZONE C1

11.00 – 13.00 B2B MEETINGS
ZONE C1

INTERNATIONAL MARKETS AND GLOBAL TRENDS
ZONE C0 (JULIUS RAAB SAAL)

11.00 – 11.15 KEYNOTE “ESPÁI BARÇA” - MEGA PROJECT FC BARCELONA
- Roman Gebhard, FC Barcelona Project-Co Manager “Espai Barça”
  Opportunities for Austrian products and services
  https://www.fcbarcelona.com/club/facilities/card/what-is-espai-barca

With a stadium that will fit around 105,000 spectators, with a new, flexible and modern Palau Blaugrana and a capacity of 12,500 fans, Espai Barça will be will be the best sporting complex in the world and an exemplary with regard to energy efficiency, environmental sustainability and a focus on creating synergies of accessibility.

11.15 – 11.45 PANELDISCUSSION INTERNATIONAL MARKETS AND GLOBAL TRENDS
- Espai Barça, FC Barcelona Project-Co Manager | Roman Gebhard, FC Barcelona
- Smart building management | Klaus Peter Fouguet, CEO Bosch AG (tbc)
- BAU - The world’s leading trade fair for Architecture, Materials and Systems | Markus Sporer, Deputy Manager Fair Munich
- Excellent buildings - quo vadis | Christoph Achammer, CEO ATP architekten ingenieure
- New housing concepts in Ethiopia | Tania Berger, Head for Center of Europe and Globalization, Department for Migration and Globalisation, Danube University Krems

Facilitator: Wojciech Czaja
11.45 – 13.00 AUSTRIAN FIELDS OF INNOVATION
ZONE C0 (JULIUS RAAB SAAL)

5 MIN SPEED PRESENTATIONS

- Innovative wood construction | Alexander Szymoniuk, LukasLang Building Technologies
- Zero and plus energy buildings | Stefanie Roithmayr, Schöberl & Pöll
- Augmented Reality | Patrick Jaritz, ARIOT
- Greening concepts on urban buildings and its impact on micro climate and climate protection | Bernhard Scharf, Green4Cities
- CLT, GLT and further hightec wood products | Ernst Woels, Hasslacher Norica Timber Group
- Voice activated gadgets and artificial intelligence in building and planning processes | Benjamin Schwärtzler, Tablet Solutions
- Building-integrated photovoltaic solutions | Dieter Moor, ertex solar
- Massive constructions – latest innovations | Reinhold Lindner BAUIMASSIV!
- Digital Planning and Building [BIM] | Domagoj Dolinsek, Planradar
- Robotics and full-automatisation | Hubert Rappersdorfer, Rappersdorfer Automation
- Socially responsible, innovative and sustainable architecture and urbanism | Alexander Scheich, Feld 72 architects
- New materials and 3D | Eduard Artner, Baumit GmbH

Facilitator: Wojciech Czaja

11.00 – 13.00 INNOVATION WORKSHOP “SMART CITY & SMART HOME”
ZONE C1 (RUDOLF SALLINGER SAAL, ROOM 6)

- Smart city Vienna and urban renewal strategies | Ina Homeier, Vienna City Municipal Department 18 for Urban Development and Planning
- Living assisted system in daily routines | Michael Freund, Fond Soziales Wien
- Smart resilient cities and simulations | Ghazal Etminan, AIT Austrian Institute for Technology
- Future cities strategies | Volker Schaffler, BMVIT Austrian Federal Ministry for Transport, Innovation and Technology
- Autonomous driving will change our cities | Martin Berger, Technical University Vienna
- International aspects on urban innovation and future cities | Oualid Ben Ali, President of Future Cities Council and director of Training and Smart Solutions Center

Facilitator: Eugen Antalovsky, urbaninnovation
WORKSHOP “GREEN BUILDINGS, SUSTAINABILITY AND CLIMATE PROTECTION”

ZONE B

Closing the gap between science, nature based technology and market

- Green Infrastructure on Buildings: Building physics and energy performance | David Tudiwer, Technical University Vienna
- Best Practice examples of Green Roofs and Living Walls Technology | Vera Enzi, Grünstattgrau Innovation Laboratory for greening cities
- Vertical farming and the urban Future of Food | Daniel Podmirseg, vertical farm institute
- Aquaponic: integration nutrition cycles from vegetables to fish | Gert Zechner, Aquaponic Austria Association
- The Market Potential of Urban Green Infrastructure | Manfred Peritsch, IMG Innovation Management Group GmbH

Facilitator: Susanne Formanek, Grünstattgrau Innovation Laboratory for greening cities and IBO

LUNCH

ZONE C0

EXHIBITION / TRADE SHOW

ZONE C1

B2B MEETINGS

ZONE C1

INNOVATION WORKSHOP “ENERGY EFFICIENT / SUSTAINABLE BUILDING AND FUTURE CHALLENGES”

ZONE C0 (JULIUS RAAB SAAL)

- klima aktiv – the Austrian way of sustainable construction | Robert Lechner, Leitungsgremium klimaaktiv and Austrian Institute of Ecology
- Passive house concepts and more | Johannes Kislinger, IG Innovative Gebäude, Ah3 Architekten
- Implementation of sustainably energy-efficient systems | N.N.
- Building concepts beyond energy efficiency | Susanne Formanek, IBO Austrian Institute for Building Biology and Construction Ecology
- Energy-flexible buildings - system solutions for retrofit using prefab components | Tobias Weiss, AEE INTEC

Hosted by Sonja Starnberger, Energy Institute for Business
14.00 – 15.30  WORKSHOP "DIGITAL BUILDING & PROCESS OPTIMIZATION"
ZONE B
- Implementation of BIM in business operations | Alfred Waschl, buildingSMART Austria
- Smart building systems and operation | Alexander Liess, Bosch (tbc)
- Digital documentation tools in construction processes | Maximilian Allmayer-Beck, docu tool
- Working with BIM in international virtual teams | Andreas Thalhammer, GIG Holding Fassaden
- Cultural requirements for efficient processes in the lifecycle of buildings| Ingo Huber, Delta
- Green innovative buildings & open real data | Thomas Bednar, Technical University Wien
Facilitator: Helene Fink, IG Lebenszyklus BAU

15.30 – 16.00  COFFEE

16.00 – 17.30  EXHIBITION / TRADE SHOW
ZONE C1

16.00 – 17.30  B2B MEETINGS
ZONE C1

16.00 – 17.30  WORKSHOP “NEW MATERIALS AND 3D TECHNOLOGIES”
ZONE C0 (JULIUS RAAB SAAL)
- Material research from concrete to wood | Josef Füssl and Johannes Kirnbauer, Technical University Vienna
- Thermic activation of concrete-based components | Sebastian Spaun, Austrian association for the concrete industry
- Brick construction | Alexander Lehmden, Head of Production at Wienerberger
- Resistance of building materials and fire protection | Hans Starl, Head of Institute for certified safety
- Permanent, Durable, Chemical-Free - Building Protection and Renovation with Lime Crystallization Technology | Matthias Lichem, NCT
- 3D Print solutions in traffic infrastructure | Herwig Hengl, PrintStones GmbH
- 3D print and new forms of concrete | Martin Staudinger, Uniqum
- Unlimited production of free forms | Sigurd Reiss, Clever Contour
Facilitator: Sonja Starnberger, Energy Institute for Business
16.00 – 17.30  WORKSHOP “WOOD CONSTRUCTION AND TIMBER - NEW DEVELOPMENTS”

ZONE B

- Robotics for innovative wood construction | Benjamin Kromoser, University of Natural Resources and Life Sciences, Vienna
- Timber Engineering – International architecture and hall construction | Helmut Steinmassl, Wiehag
- Wall System 4.0 | Heinrich Schuller, ATOS Architekten ZT and Wolfgang Winter, Winterface
- Wood construction – a high-tech component with multiple advantages | Anton Wanas, Head of Sales Rubner Holzbau GmbH
- Versatile wooden construction technology for turnkey buildings | Alexander Szymoniuk, LukasLang Building Technologies

Hosted by Stefan Hölzl | Furniture & Timber Construction Cluster Upper Austria

17.45 – 22.00  EVENING EVENT & DINNER (DIPLOMATIC ACADEMY VIENNA)

Award Ceremony for international Austrian cutting edge sustainable buildings

- Austrian Federal Ministry for Sustainability and Tourism
  Federal Minister Elisabeth Köstinger (tbc)
- Austrian Federal Ministry for Transport, Innovation and Technology
  Federal Minister Norbert Hofer (tbc)
- Austrian Federal Economic Chamber | Advantage Austria / AUSSENWIRTSCHAFT
  Vice-President Ulrike Rabmer-Koller and Deputy Director General Patrick Sagmeister

This Award is a shared initiative of the Austrian Federal Ministry of Sustainability and Tourism, the Austrian Federal Ministry for Transport, Innovation and Technology and the Austrian Federal Economic Chamber, Advantage Austria

WEDNESDAY, 9.5.2018

09.00 – 15.30  PROJECT VISITS – WALKING TOUR IN VIENNA

- modern urban development projects
- smart city Aspern
- energy efficient houses, zero/plus/passive houses
- new urban housing concepts - green & collaborative aspects

09.00 – 17.30  PROJECT VISITS – BUSTOUR OUTSIDE VIENNA

- road & tunneling, traffic infrastructure
- wood construction
- new materials and technologies
LOCATION PLAN, AUSTRIAN FEDERAL ECONOMIC CHAMBER