

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: 3.5.2018 | Subject to changes

Language: English

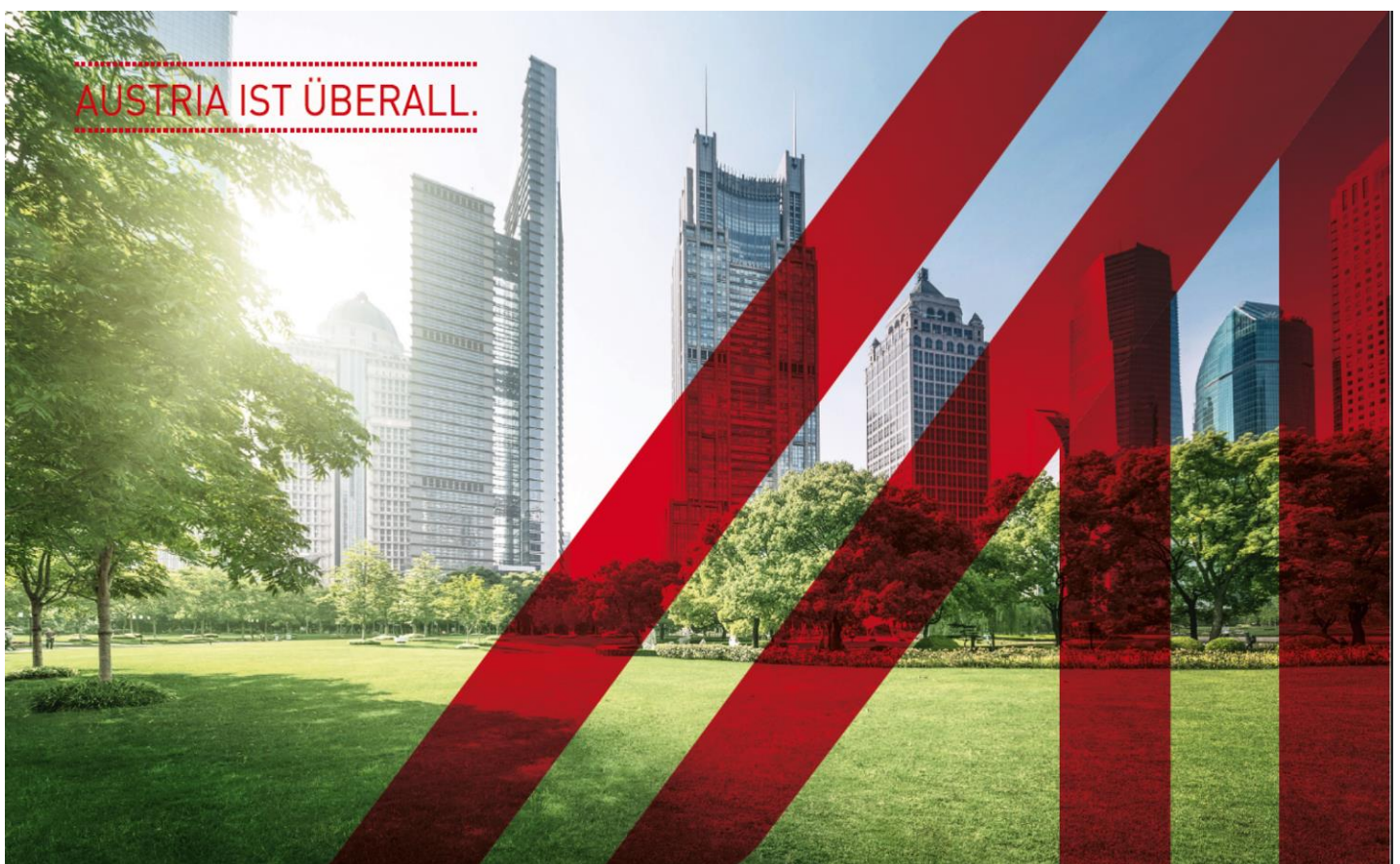
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a shared initiative of the Austrian Federal Ministry for Digital, Business and Enterprise and the Austrian Federal Economic Chamber



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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 SPAN • 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.

Keynote-Presentation

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

ZONE C0

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 “ESPAI 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.

[Keynote-Presentation](#)

Image films [01](#) | [02](#) | [03](#) | [04](#) | [05](#)

11.15 – 11.45 PANELDISCUSSION INTERNATIONAL MARKETS AND GLOBAL TRENDS

- Espai Barça, FC Barcelona Project-Co Manager | Roman Gebhard, FC Barcelona
- Sustainability and Aesthetics – Austrian Knowhow in the United Arab Emirates | Talik Chalabi, Chalabi Architekten & Partner ZT GmbH AG
- 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 Schwärzler, Tablet Solutions
- [Building-integrated photovoltaic solutions](#) | Dieter Moor, ertex solar
- [Massive constructions – latest innovations](#) | Reinhold Lindner BAU!MASSIV!
- [Digital Planning and Building \(BIM\)](#) | Domagoj Dolinsek, Planradar
- [Robotics and full-automatisation](#) | Hubert Rappersdorfer, Rappersdorfer Automation
- Socially responsible, innovative and sustainable architecture and urbanism | Richard Scheich, feld72 architects
- [New materials – commercial 3 D concrete printing system](#) | Eduard Artner, Baunit 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 and buildings](#) | Alexander Diem und Mathias Mitteregger, future.lab 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: Pamela Mühlmann, urbaninnovation

11.00 – 13.00

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
- [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

13.00 – 14.00

LUNCH

ZONE C0

14.00 – 16.00

EXHIBITION / TRADE SHOW

ZONE C1

14.00 – 16.00

B2B MEETINGS

ZONE C1

14.00 – 15.30

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
- [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; [Imagevideo BIM](#) | Alfred Waschl, [buildingSMART Austria](#)
- [Bringing automation benefits to 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

ZONE C1

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
- [Innovative and energy efficient brick building](#) | 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 | Simon Mühlbacher, 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
- Austrian Federal Ministry for Transport, Innovation and Technology
Federal Minister Norbert Hofer
- 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

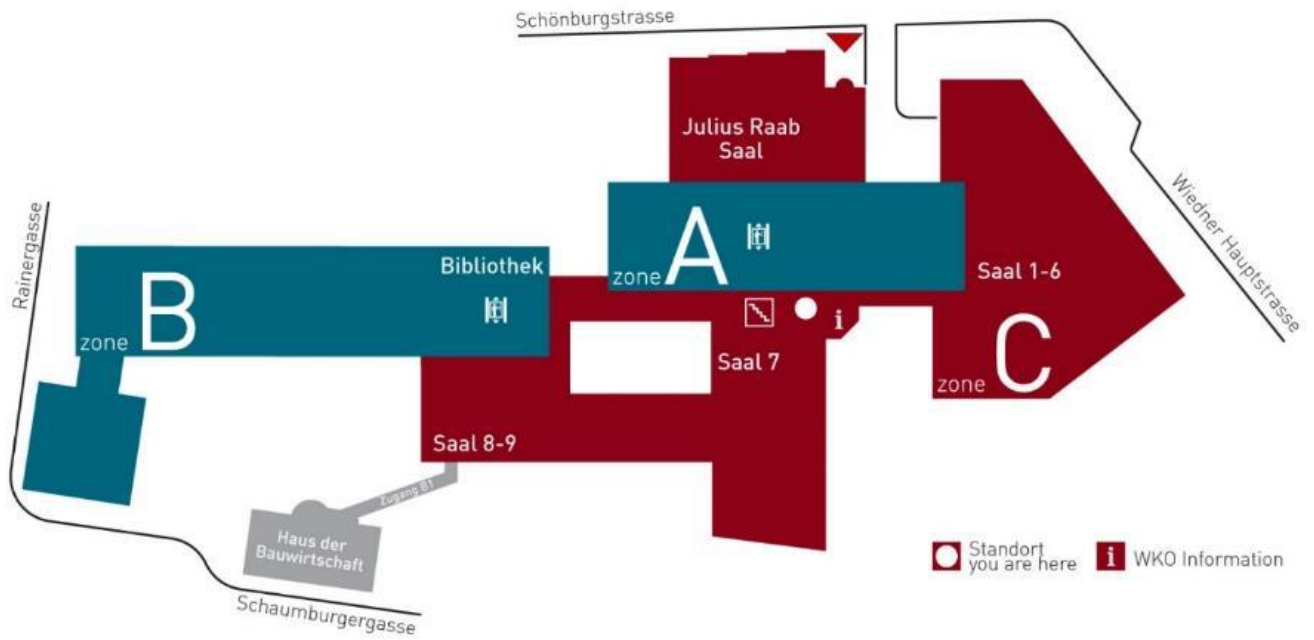
- modern urban development projects
- smart city Aspern
- energy efficient houses, zero/plus/passive houses
- new urban housing concepts - green & collaborative aspects

09.00 – 17.30

PROJECT VISITS – BUSTOUR OUTSIDE VIENNA

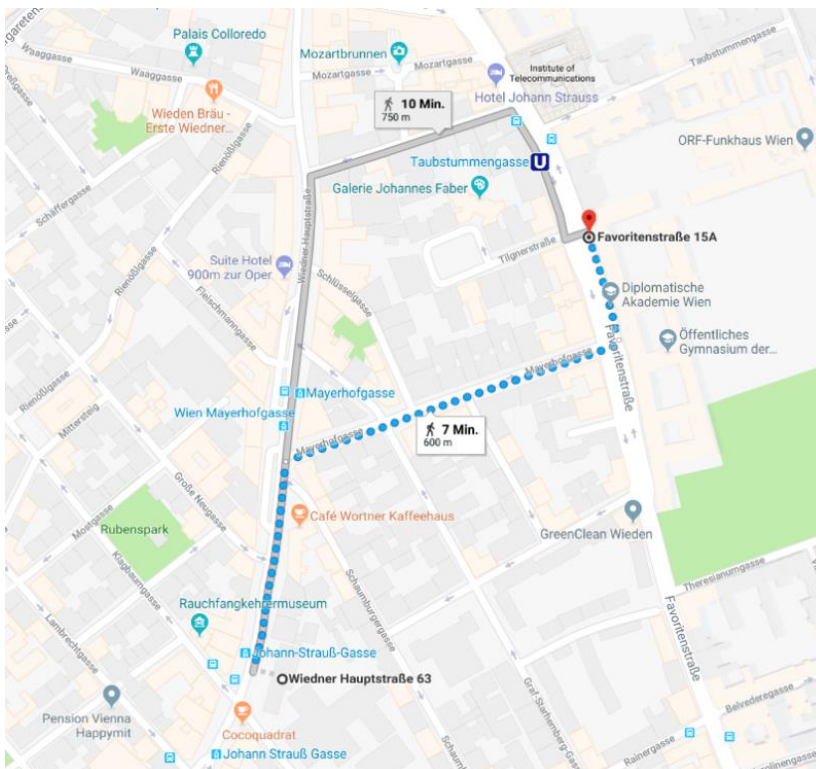
- road & tunneling, traffic infrastructure
- wood construction
- new materials and technologies

WKO LOCATION PLAN, AUSTRIAN FEDERAL ECONOMIC CHAMBER



WALKING PLAN TO THE EVENING LOCATION

From AUSTRIAN FEDERAL ECONOMIC CHAMBER (Wiedner Hauptstraße 63, 1045 Vienna) to the Diplomatic academy Vienna (Favoritenstraße 15A, 1040 Vienna)



source: Google Maps