

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

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



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### TUESDAY, 8.5.2018

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

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**CONFERENCE START**  
ZONE C0 (JULIUS RAAB SAAL)

Facilitator: Wojciech Czaja

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**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

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

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**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.

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**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

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**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.

**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
- 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

**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 | 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**

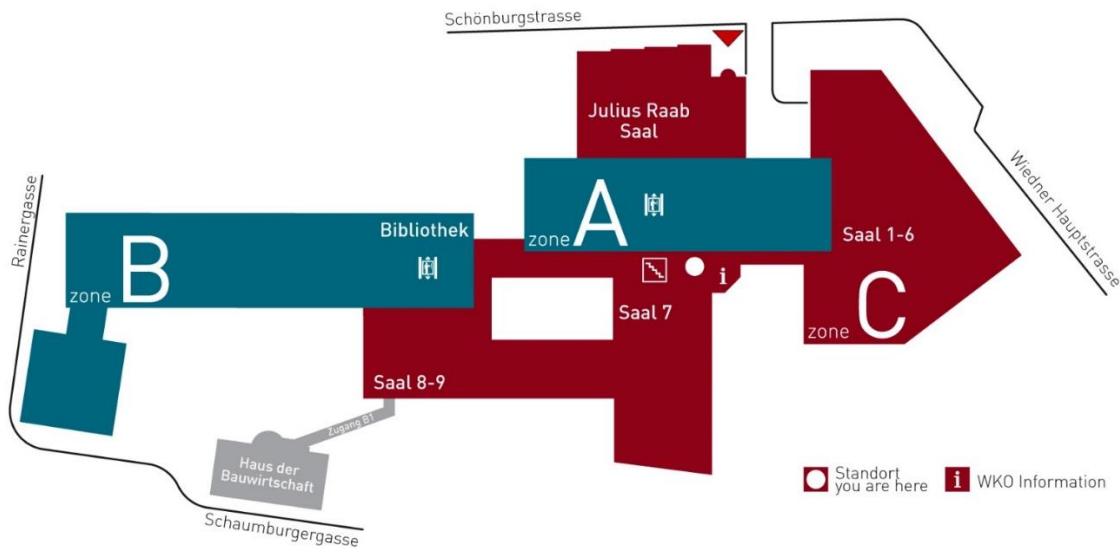
- modern urban development projects
- smart city Aspern
- energy efficient houses, zero/plus/passive houses
- new urban housing concepts - green & collaborative aspects

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, 1040 Vienna) to the Diplomatic academy vienna (Favoritenstraße 15A, 1040 Vienna)

