

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

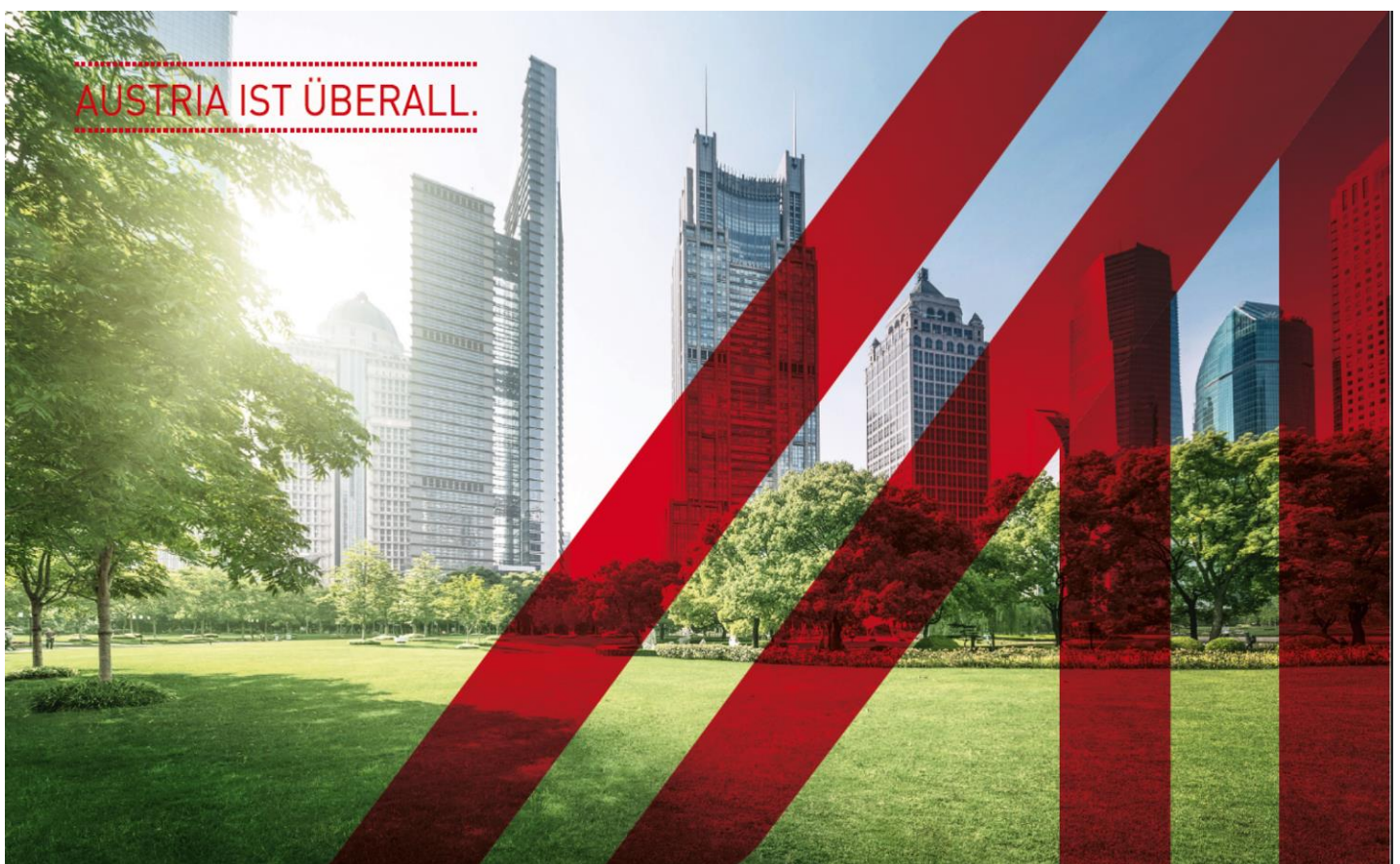
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a shared initiative of the Austrian Federal Ministry for Digital, Business and Enterprise and the Austrian Federal Economic Chamber



## FORUM

# THE FUTURE OF BUILDING 2018

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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.  
**Keynote-Presentation**

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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

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**11.00 – 13.00 EXHIBITION / TRADE SHOW**

ZONE C1

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**11.00 – 13.00 B2B MEETINGS**

ZONE C1

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**INTERNATIONAL MARKETS AND GLOBAL TRENDS**

ZONE C0 (JULIUS RAAB SAAL)

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**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](#)

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**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

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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

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**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

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**13.00 – 14.00**

**LUNCH**

ZONE C0

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**14.00 – 16.00**

**EXHIBITION / TRADE SHOW**

ZONE C1

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**14.00 – 16.00**

**B2B MEETINGS**

ZONE C1

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**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

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**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

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**15.30 – 16.00**

**COFFEE**

ZONE C1

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**16.00 – 17.30**

**EXHIBITION / TRADE SHOW**

ZONE C1

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**16.00 – 17.30**

**B2B MEETINGS**

ZONE C1

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**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

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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**

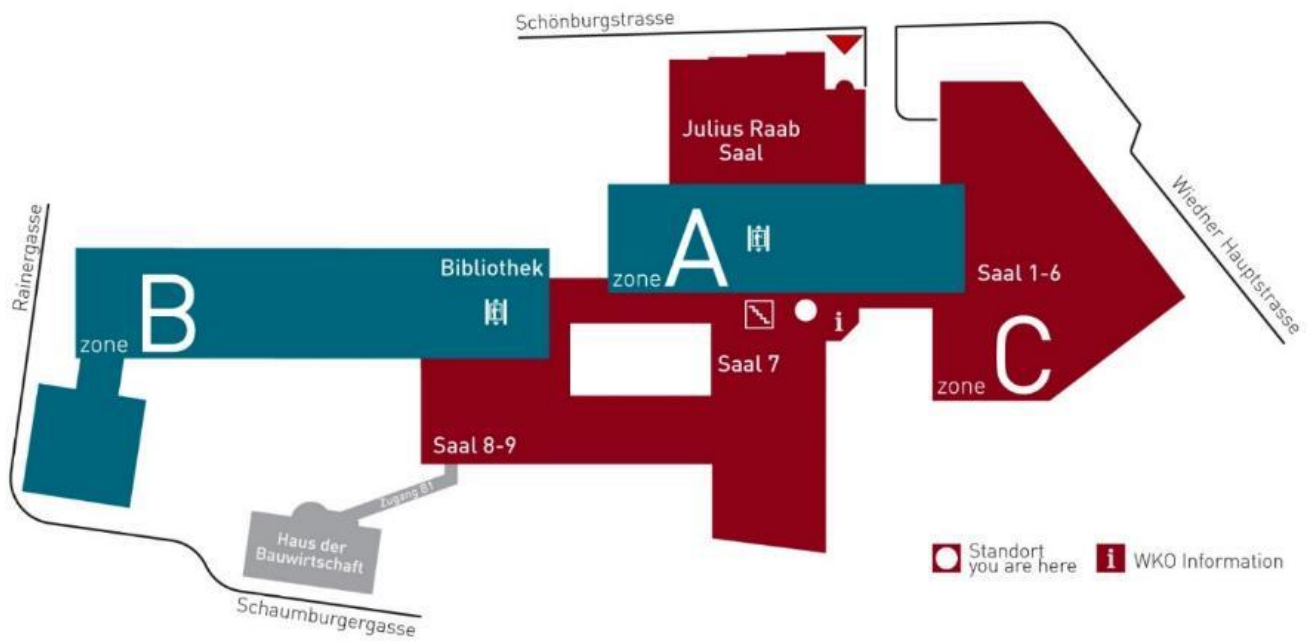
- modern urban development projects
- smart city Aspern
- energy efficient houses, zero/plus/passive houses
- new urban housing concepts - green & collaborative aspects

09.00 – 17.30

**PROJECT VISITS – BUSTOUR OUTSIDE VIENNA**

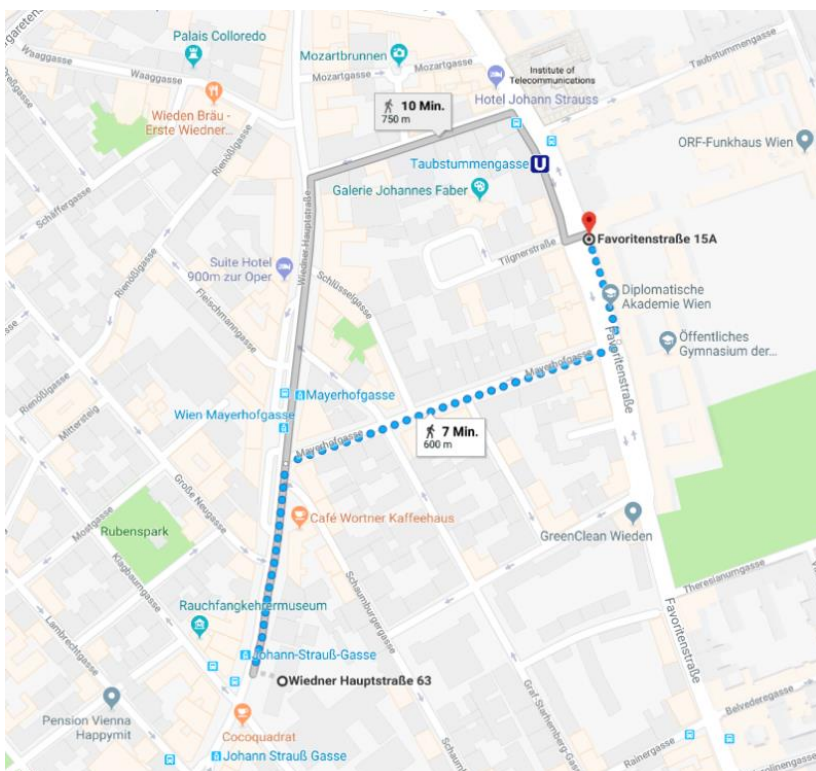
- road & tunneling, traffic infrastructure
- wood construction
- new materials and technologies

## 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