

AUSSEN
WIRTSCHAFT

CONGRESS | B2B MEETINGS | EXHIBITION
THE FUTURE OF BUILDING 2018

08.-09.05.2018

PROGRAM

LOCATION: AUSTRIAN FEDERAL ECONOMIC CHAMBER | ADVANTAGE AUSTRIA
WIRTSCHAFTSKAMMER ÖSTERREICH | AUSSENWIRTSCHAFT AUSTRIA
Wiedner Hauptstraße 63 | 1045 Wien

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organized and co-financed by



It is a shared initiative of the Federal Ministry for Digital, Business and Enterprise and the Austrian Federal Economic Chamber, the Enterprise Europe Network Austria and the Austrian Research Promotion Agency.



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THE FUTURE OF BUILDING 2018

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Location: AUSTRIAN FEDERAL ECONOMIC CHAMBER | ADVANTAGE AUSTRIA

TUESDAY, 08.05.2018

08.30 – 09.00 **REGISTRATION (FOYER)**

CONFERENCE START (ZONE C0)

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

Facilitated by Wojciech Czaja

EXPLORE A FUTURE WORLD OF DIFFERENCE (ZONE C0)

09.20 – 09.40 **KEYNOTE 1**

- Vincent Callebaut – What´s bionic-Arch?*

Vincent Callebaut designs futuristic-like ecodistrict projects which take account of several aspects of sustainability <http://vincent.callebaut.org/>

09.40 – 10.00 **KEYNOTE 2**

- Matias del Campo - Materialization, digitalization and cutting-edge technologies <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**

- Vincent Callebaut
 - Matias del Campo
 - Renate Hammer | Institute of Building, Research & Innovation
 - Karl Heinz Strauss | CEO PORR*
 - Karin Stieldorf | Austrian Sustainable Building Council
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10.30 – 11.00

COFFEE BREAK

11:00 – 13:00

EXHIBITION / TRADE SHOW (ZONE C1)

11:00 – 13:00

B2B MEETINGS (ZONE C1, ROOMS 1, 2, 3, 6)

11.00 – 11.45

INTERNATIONAL MARKETS AND GLOBAL TRENDS (ZONE C0)

PANELDISCUSSION

- International, large-scale projects | Peter Krammer, CEO Strabag AG*
- The world´s leading trade fair for Architecture, Materials and Systems | Markus Sporer, Deputy Manager Fair Munich
- Digital innovation and disruption | Lukas Winter, doka venture
- Excellent building - quo vadis | Christoph Achammer, CEO ATP architekten ingenieure*
- Austrian know-how in Addis Abeba | Tanja Berger, Head for Center of Europe and Globalization, Department for Migration and Globalisation, Danube University Krems*

11.45 – 13.00

AUSTRIAN FIELDS OF INNOVATION (ZONE C0)

5 MIN SPEED PRESENTATIONS

- 3D Print Solutions
- CLT, GLT and further wood products
- Greening and green components
- Thermic activation of concrete green components -based components
- Innovative wood construction
- New and hybrid materials
- Sunhouse – a synergy of high-comfort, low energy, natural materials and solar-technology
- Robotics and full-automatisation
- Augmented Reality
- Building-integrated photovoltaic solutions
- Innovations in brick building
- Digital Planning and Building (BIM)
- Vision in futuristic architecture and green construction

11.00 – 13.00

INNOVATION WORKSHOP “SMART CITY & SMART HOME” (ZONE B)

- Smart city Vienna and urban renewal strategies
- Future cities visions and strategies
- Autonomous driving will change cities
- Voice activated gadgets and artificial intelligence in building and planning processes
- Ambient Assisted Living Solutions
- Architecture and urbanism - social responsible, innovative and sustainable projects

11.00 – 13.00	<p>WORKSHOP “URBAN GREENING AND CLIMATE PROTECTION” (ZONE B)</p> <ul style="list-style-type: none"> • Green urban infrastructure – greening on buildings, roof greening, vertical farming, etc. and its potentials to climate protection • Bioengineering • Green construction with hybrid and full natural construction components • Nature based building solutions • Best practice green building projects
13.00 – 14.00	LUNCH
14:00 – 16:00	EXHIBITION / TRADE SHOW (ZONE C1)
14:00 – 16:00	B2B MEETINGS (ZONE C1, ROOMS 1, 2, 3, 6)
14.00 – 15.30	<p>INNOVATION WORKSHOP “ENERGY EFFICIENT BUILDING” (ZONE B)</p> <ul style="list-style-type: none"> • Passive house and more • Ecology and economy are not opposed characters • Large scale passive house projects • Building concepts beyond energy efficiency • Hybrid building construction and interfaces with wood, concrete, steel, glass, etc.
14.00 – 15.30	<p>WORKSHOP “DIGITAL BUILDING & PROCESS OPTIMIZATION” (ZONE B)</p> <ul style="list-style-type: none"> • IT and process digitalisation • Implementation of BIM in business operations • Digital Building & Planning • Working with BIM in international virtual teams • Improving efficiency in planning processes • Green innovative building & open real data
15.30 – 16.00	COFFEE
16:00 – 17:30	EXHIBITION / TRADE SHOW (ZONE C1)
16:00 – 17:30	B2B MEETINGS (ZONE C1, ROOMS 1, 2, 3, 6)
16.00 – 17.30	<p>WORKSHOP “WOOD CONSTRUCTION” (ZONE B)</p> <ul style="list-style-type: none"> • Innovative wooden based buildings • International projects and innovative building concepts • Solid timber ceilings CLT and GLT • Wood is a high-tech component with world record in thermal insulation, sixfold fire protection, highest earthquake resistance

16.00 – 17.30

WORKSHOP “NEW MATERIALS AND TECHNOLOGIES” (ZONE B)

- Material research from concrete to wood
 - Thermic activation of concrete-based components
 - Material research for solid construction
 - Brick construction
 - 3D print and new forms of concrete
 - Unlimited free production of concrete forms
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17.45 – 22.00

EVENING EVENT & DINNER (DIPLOMATIC ACADEMY VIENNA)

Award Ceremony for international Austrian cutting edge sustainable buildings

- Federal Ministry for Sustainability and Tourism
- Federal Ministry for Transport, Innovation and Technology
- Austrian Federal Economic Chamber | Advantage Austria

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

WEDNESDAY, 09.05.2018

09.00 – 15.00

PROJECT VISITS – VIENNA

- urban planning projects Vienna
 - smart city Aspern
 - modern inner-city refurbishment
 - energyefficient houses
 - alternative, renewable energy supply
 - green buildings
 - social, affordable building and new housing concepts
 - citizen participation in urban planning processes
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09.00 – 17.30

PROJECT VISITS – BUSTOUR OUTSIDE VIENNA

- new, innovative building materials
 - road & tunneling, traffic infrastructure
 - zero/plus/passive houses
 - wood construction
 - prefab buildings
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