

LIFECYCLES

PROGRAM 28-30 SEPTEMBER

WEDNESDAY

28

09

DIKKIE SCIPIO (KAAN)
LUK PEETERS (ORG)
NICOLAS BEARELLE (REVIVE)
ARNE QUINZE
ARTHUR MAMOU-MANI (MAMOU-MANI)
KEN DE COOMAN (BC MATERIALS)
SIAN RICKETTS (CARMODY GROARKE)

CHRIS PRECHT (PRECHT)
JACOB KUREK (HENNING LARSEN)
AN EIJKELENBURG (STADSMAKERSFONDS)
P. MARCHETTI & J. FERRIER
(FERRIER MARCHETTI)
MARIO MATTHYS (UG AND VUB COSMOPOLIS)
MATHIAS FOULON (SHL)

8.30PM - DRINKS OFFERED BY DESIGN MUSEUM GENT

THURSDAY

29

09

TORE BANKE (BIG)
HÉLÈNE CHARTIER (C40)
ALICE DIETSCH (AL_A)
KATHLEEN VAN DE WERF (SWECO)
ARJAN DINGSTE (UNSTUDIO)
THOMAS COLDEFY &
ISABEL VAN HAUTE (COLDEFY)

PHILIPPE BLOCK (BLOCK/ETH)
IDRISS GOOSSENS (PROPTECHLAB)
ERIC-JAN PLEIJSTER (LOLA)
JAN ADRIAENSSENS (IMEC)
SYLVIANNE VAN BUTSELE (SOAGENT)
TOM BOSSCHAERT (EXCEPT/ORCHID)
CARLO RATTI (CRA)

8.30PM - DRINKS OFFERED BY DESIGN EXPRESS / VECTORWORKS

FRIDAY

30

09

LINA GHOTMEH (LGA)
KIM HERFORTH NIELSEN (3XN)
OANA BOGDAN (BOGDAN&VANBROECK)
ESTHER LELYVELD (LINGOTTO)
W.MENTEN & D. LEYSSEN (51N4E)
JOHANNES ROBBRECHT (ROBBRECHT
EN DAEM ARCHITECTEN)

MARTHA THORNE (IE)
GILLES RETSIN (RETSIN)
SINUS LYNGE (EFFEKT)
LUC WALLAYS (OMGEVING)
XAVIER DE KESTELIER (HASSELL)
JAN WURM (ARUP)
REINIER DE GRAAF (OMA)

LIFECYCLES

WEDNESDAY 28 SEPT.

13:30 DOORS OPEN

**14:00
OFFICIAL OPENING**

**BY MR. SAMI SOUGUIR
GHENT ALDERMAN OF CULTURE, URBAN PLANNING & CITY DEVELOPMENT**

**14:20 - 14:50 / STAGE 1
DIKKIE SCIPIO - KAA**

FOUNDING PARTNER
TO SUSTAIN

Quality over fashion. In our urge to save the planet we are tempted to think about buildings like puzzles with little pieces that can be constructed and deconstructed as quickly and easily as it sounds. Little pieces that can be reused in their original state or decomposed to basic commodities in a process that doesn't increase waste or pollution. However sympathetic this may sound, it also implies an expected devaluation and acceptance of the building's short-term lifespan. This surrender to a fast consumer economy contrasts the intrinsic quality of architecture: the quality of shaped space, guided light, well-chosen and placed materials. It is this quality that outlives trends and even function. Quality that lasts is always preferable over destruction, even when that destruction is called sustainable.

**15:00 - 15:30 / STAGE 1
LUK PEETERS - ORG PERMANENT
MODERNITY**

FOUNDING PARTNER / HEAD OF ARCHITECTURE
TRANSITIONING CITIES

Luk Peeters presents his work and approach to addressing the social, environmental, economic and logistical problems caused by the division of living and working in the city as well as old industrial methods of production. Transitioning cities signifies a movement of research and multi-functional design methodologies that create sustainable, economically productive environments while creating places that foster social cohesion.

Luk is the masterplan architect of the Vynckier site - the LifeCycles venue.

**15:35 - 15:55
STAGE 1
20MINUTE TALK**

**DIKKIE SCIPIO & LUK PEETERS
MODERATED BY HAMID MASSANZADEH (PA)**

**15:00 - 15:30 / STAGE 2
SIAN RICKETTS - CARMODY GROARKE
ARCHITECT**

MATERIAL MATTERS

Description: a paradigm shift is taking place; not only through the acute lived experience of climate change, but through how the effects of climate change and environmental degradation will be increasingly-urgently addressed and legislated against.

Join Sian Ricketts from Carmody Groarke Architects as she discusses designing cultural and public buildings that are resilient, equitable and innovative through some of their recent projects, from the design of a low energy, waste-based brick for the Design Museum Gent to the site-wide decarbonisation of the Science and Industry Museum in the north of England

**15:40 - 16:10 / STAGE 2
NICOLAS BEARELLE - REVIVE**
FOUNDER
URBAN REGENERATION 2.0

Nicolas is the founder of brownfield project developer Revive, the owner of the Vynckier site, the venue of the LifeCycles festival. Society is changing at a faster pace than ever. Climate change, population growth and accelerated digitalization are only some of the trends that shape our lives and the way we live today. Where people, the planet and profit are concerned, Revive is here to make a change. That's why we say 'we build society, not real-estate'. In his presentation Nicolas questions how technology and new business models can help us repairing the housing ladder.

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16:40 - 17:10 / STAGE 1

CHRIS PRECHT - PRECHT

FOUNDING PARTNER
WONDERLUST

Operating a studio in the mountains, far away from the city, can be challenging. Specially setting it up as a young couple with big dreams, but no clients. Now, 5 years later, this surrounding became an inspiring playground of our creative endeavours. Mountains and architecture. Wandering and wondering. And with the curious and playful mind of a 5-year-old, we work on ideas that have a positive impact on people and nature.

Due to last-minute forces of majority Chris can not be present live at the event. He will livestream his talk from the Austrian mountains.

17:20 - 17:50 / STAGE 1

ARTHUR MAMOU-MANI - MAMOU-MANI

FOUNDER
ECO-PARAMETRIC ARCHITECTURE

According to the UN Environment and the International Energy Agency, our building industry is responsible for 39% of all carbon emission. Architects, engineers, contractors and everyone else involved in our field now have a duty to work collectively to reduce our carbon impact. The environmental cost has to take priority over financial values and our materials and design technologies need to serve this higher purpose. Arthur Mamou-Mani is an architect specialised in eco-parametricism, looking at coupling a cradle to cradle approach to design with the maker's movement. Through several of his practice's projects, Arthur will show how parametric design can bring us closer to the natural world.

17:55 - 18:15

STAGE 1

20MINUTE TALK

ARTHUR MAMOU-MANI & KEN DE COOMAN
MODERATED BY SYLVIANNE VAN BUTSELE
(SOGENT)

16:40 - 17:10 / STAGE 2

AN EIJKELENBURG - STADSMAKERSFONDS

DIRECTOR

**FOUNDING A COOPERATIVE INVESTMENT
FUND FOR BETTER CITIES**

Stadsmakersfonds (City makers fund) is a cooperative investment fund to finance social adaptive re-use projects of special buildings and sites. Together with you, Stadsmakersfonds (City makers funds) wants to make a difference in our cities and neighbourhoods. By co-financing the redevelopment of special buildings, we help to develop 'Places that matter'. Places that offer space to vulnerable groups, create opportunities for sustainable and local entrepreneurship, and support community building and mental wellbeing in our neighbourhoods. As a cooperative development fund, the City Makers Fund does not strive for profit maximisation, but for the maximisation of positive social impact. The City Makers Fund collected more than 2 million euros from more than 100 shareholders and was chosen as one of the radical innovators of 2022. An will share the stage with Miss Miyagi co-founder Michiel Van Balen

17:20 - 17:50 / STAGE 2

MATHIAS FOULON - SCHMIDT HAMMER

LASSEN ARCHITECTS

Sr. Project Manager & Strategist

**TRADITIONAL METHODS ALLOW INNOVATIVE
APPROACHES: TIMBER AND ADAPTIVE
TRANSFORMATION**

Being part of Schmidt Hammer Lassen's Innovation Group, Mathias is a hinge point between ongoing project operations and overall strategic development. The new reality that is confronting the built and unbuilt environment with the consequences of past decisions, requires new skills and competences for architectural offices. Therefore, Mathias and his colleagues at Schmidt Hammer Lassen Architects investigate how existing methods can synergize with new technologies to maximize the contribution of the industry to a sustainable future.

18:00 - 18:30 / STAGE 2

ARNE QUINZE

FOUNDER

RE-WILDING THE CITIES

Just like in artworks, and just like in nature, cities should strive for a symbiosis of numerous organisms, which in turn nurture the conversation and consequently the preservation of their future. The fact that we already have lost 30 percent of existing flora and fauna since Quinze's birth in 1971 is horrifying to him. It is in everyone's interest to protect and restore ecosystems. And in this way to rewrite the cities with both nature and culture.

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18:50 - 19:20 / STAGE 1

JACOB KUREK - HENNING LARSEN

PARTNER

DESIGN WITH IMPACT

It begins with curiosity. Nothing is more essential.

Architecture today is not limited to designing and building - it encompasses a far extended scope, in which creativity, research, and knowledge are fundamental. We like to share an insight to our mindset and methodology. How we carefully can create better tomorrow through an integrated sustainable design approach based upon the Scandinavian values and a global mindset.

19:25 - 19:45

STAGE 1

20MINUTE TALK

JACOB KUREK & PAULINE MARCHETTI

MODERATED BY HAMID HASSANZADEH (PA)

20:00 - 20U30 / STAGE 1

JACQUES FERRIER & PAULINE MARCHETTI - FERRIER MARCHETTI STUDIO

FOUNDERS

TOWARDS THE SENSUAL CITY

The functional city, through its desire for absolute control of atmosphere and ambience, is now repeating and reproducing the same urban situations worldwide, side-lining any possibility of improvisation: the city without qualities is everywhere, and residents' ability to appropriate the city is nowhere to be seen.

The design of cities not only has to achieve goals in term of sustainable efficiency, but it must be informed by a new and richer relationship with citizens, with the aim of once again discovering the sensual experience of the city - essential for the fulfilment of all human lives.

For Pauline Marchetti and Jacques Ferrier, the role of the architect is to give reality a new appearance and to open unexpected ways of appropriation, so that people learn to look at it - and to use it - in a new way.

They do not want to think of architecture as just design objects, but to imagine and put in place the multiple resonances that these objects are likely to create.

20:30

TALKS & DRINKS

DRINKS OFFERED BY DESIGN MUSEUM GENT

22:30

DOORS CLOSED

18:50 - 19:20 / STAGE 2

KEN DE COOMAN - BC MATERIALS

CO-FOUNDER

THE ACT OF BUILDING

- SPEAKER INVITED BY DESIGN MUSEUM GENT

The act of building has an impact and is at the same time a manifestation of values and ideas, which grew out of a broad network around a specific project. Building has a transformative power, driven by action, narrative and result. About 1/3 of the total CO2 emissions come from the construction industry, and that's exactly why BC Materials wants to make change and especially raise awareness. Festival partner Design Museum Gent invited Ken De Cooman to talk about the ambitions and projects of BC Materials. One of their recent projects is a research, with support of Vlaanderen Circulair, on a circular facing brick for DING (Design In Ghent), the new museum wing of Design Museum Gent. De Cooman will tell you all about the endless possibilities of using waste flows as building materials.

19:30 - 20:00 / STAGE 2

MARIO MATTHYS - UGENT GEOGRAPY AND

VUB COSMOPOLIS

ARCHITECT, URBAN PLANNER, 3D/4D/VR/AR/MR/XR pioneer

ANIMATED SPATIAL TIME MACHINE

From a holistic approach, a dynamic "parallel virtual universe" will be presented, in which the combination with real-time animation using game engines in a time-space model takes shape as a multidimensional Animated Spatial Time Machine. The integration of the reconstruction of the past, the present situation and the dreams for the future, in 4D, is the goal. Beyond the Digital Twin! The holistic combination of co-creation and Multi-D innovation to optimize spatial quality is the focus of this presentation.

LIFECYCLES

THURSDAY 29 SEPT.

13:30 DOORS OPEN

14:00
OFFICIAL OPENING

BY MR. PETER VANDEN ABEELE
CHIEF ARCHITECT CITY OF GHENT

14:20 - 14:50 / STAGE 1
TORE BANKE - BIG

DIRECTOR OF SUSTAINABILITY

CLIMATE RESPONSIVE ARCHITECTURE

The growing climate crisis is challenging the way we build and is increasing the complexity of the design process. Today, designing climate responsive architecture require a shift in the traditional design process with strong collaboration between professions from day one. Through holistic, strategic and computational methods our mission is to empower the design process with real-time climate responsive feedback loops where many design iterations are explored during the early concept development for maximum design control.

15:00 - 15:30 / STAGE 1
HÉLÈNE CHARTIER - C40

DIRECTOR OF URBAN PLANNING & DESIGN

**ZERO CARBON BUILDINGS AND THRIVING
NEIGHBOURHOODS**

More info coming soon

15:45 - 16:05
STAGE 1
20MINUTE TALK

HÉLÈNE CHARTIER & THOMAS COLDEFY
MODERATED BY HAMID MASSANZADEN (PA)

15:00 - 15:30 / STAGE 2
KENNETH VERBEECK - BOLLINGER
GROHMAN

ENGINEER & DIRECTOR

TRANSLATION HERE

In a flat world, we have grown accustomed to multinational design teams, but tend to overlook the differences in construction culture thus leading to misunderstandings. Information is literally lost in translation. This same translation applies when sharing digital shapes of a project. Each version is an interpretation projecting knowledge from one domain to another. Essential in this projection is the capacity of the author to assess the interpretation by the receiver. This conduit metaphor as coined by Reddy becomes even more dominant when working across cultures to push the boundaries of structural engineering.

15:40 - 16:10
JAN ADRIAENSSENS - IMEC

DIRECTOR OF PUBLIC TECHNOLOGY

**DO THRIVING CITIES ACTUALLY NEED
TECHNOLOGY**

More info coming soon

LIFECYCLES

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16:40 - 17:10 / STAGE 1

THOMAS COLDEFY & ISABEL VAN HAUTE - COLDEFY

FOUNDING PARTNERS

SCALES

The substantial change that our society is going through in contact with the multiple crises that we cross in a suddenly accelerated time invites us to change scale in the way of thinking about the city and the design of spaces in an unusual way and with a deep desire to catch up. Hybridity, diversity, mobility, proximity, ubiquity...., too many words overused, which must now be brought together with the greatest simplicity. Dealing with the essential needs for human activity which does not prioritize the scales between buildings, public spaces, neighborhoods, nature. To do this, we must be creative, give free rein to our imagination, proposing, building new typologies, other ways of occupying space to transform its use, and access a high quality of societal and individual life. In this sense, the Maison de la Chine, the Wonder building or even the Memorial and the National Museum Orlando for the One Pulse Foundation are among other projects we are developing, proposals we are making for the world of the future.

17:20 - 17:50 / STAGE 1

**PHILIPPE BLOCK - ETH ZURICH
BLOCK RESEARCH GROUP**

FULL PROFESSOR

**DISRUPTING CONCRETE CONSTRUCTION:
DIGITAL, SUSTAINABLE, CIRCULAR**

Concrete does not want to be a beam, it wants to be an arch. Reinforcing arched geometry for the artificial stone, concrete, significantly reduces the amount of material needed, but also to build with lesser emitting materials. Recent developments in computational design and engineering and construction-scale digital fabrication now allow the introduction of concrete as an extremely sustainable solution for spanning structures such as floor "slabs" or footbridges. This talk will introduce how we can disrupt concrete construction: lightweight, low embodied emissions, using construction demolition waste, fire resistant, providing thermal mass, acoustically performant, dry-assembled prefab, so easily demountable and reusable or entirely and easily recyclable at the end of its life, available at scale and globally, and economically competitive. Sounds too good to be true?

17:55 - 18:15

STAGE 1

20MINUTE TALK

PHILIPPE BLOCK - TORE BANKE

MODERATED BY HAMID HASSANZADEH (PA)

16:40 - 17:10 / STAGE 2

IDRISS GOOSSENS - PROPTTECHLAB

FOUNDER

**INNOVATION STRATEGIES TO WIN THE
NET-ZERO RACE**

I will explain why innovation should become an absolute priority for any construction & real estate firms, and expose the innovation strategies to reach ESG objectives, as well as how to create livable & lovable cities. My keynote will include an overview of the complete european proptech ecosystem, focusing on the ESG-related startups, presentation of the innovation trends shaping the future of the built world, and a hands-on approach on the 5 innovation strategies corporations can deploy (acceleration, incubation, innovation-hub, co-creation, R&D & investment)

17:20 - 17:50 / STAGE 2

ERIC-JAN PLEIJSTER - LOLA LANDSCAPE

CO-FOUNDER

LIVING IN THE NATURE-BASED CITY

Don't we all want to live in a city where nature is thriving? A city without nature is an unhealthy and unpleasant place to be. By attuning the design of the city to the needs of nature, and by allowing city residents to enjoy nature as much as possible, a much better city and more happiness are created. From bat-bridges tot sky-forests and unexpected encounters with urban nature.

18:00 - 18:30 / STAGE 2

KATHLEEN VAN DE WERF - SWECO

FOUNDING PARTNER BUUR - SWECO Steering Group of Urban Insight
SPACE FOR ECONOMY

Urban and social fabrics must be prepared to support the rapidly evolving economic transitions. Many cities experience difficulties to provide affordable, flexible space for economic activity near or integrated in the urban environment. However this demand is increasing from creative, productive and circular business models. New generations are working on a radical shift of economic activity.

Current economic planning at BUUR Part of Sweco goes far beyond 'space for production and employment'. More than ever it is important that future developments are not only based on spatial conditions for a qualitative living environment, but also on spatial conditions for these new economies. Inspiring examples show how mixed environments and multiple use of space contribute to dynamic neighbourhoods, sustainable travel, social integration and can also offer integrated answers to the challenging climate objectives.

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18:50 - 19:20 / STAGE 1
ARJAN DINGSTE - UNSTUDIO

PARTNER

HUMAN CENTRIC NET ZERO POSITIVE

Arjan will talk about the drive of UNStudio to design buildings with human health and wellbeing as primary focus, while driving the projects in parallel on high sustainability goals. The topic will be illustrated with the soon to complete Booking.com headquarters in Amsterdam and the net zero positive multi-faculty building for the Technical University of Delft completed this summer.

19:25 - 19:45
STAGE 1
20MINUTE TALK

ARJAN DINGSTE & CARLO RATTI
MODERATED BY HAMID HASSANZADEH (PA)

20:00 - 20:30 / STAGE 1
CARLO RATTI - CRA

FOUNDING PARTNER

SENSEABLE CITIES

The way we live, work, and play is very different today than it was just a few decades ago, thanks in large part to a network of connectivity that now encompasses most people on the planet. In a similar way, today we are at the beginning of a new technological revolution: the Internet is entering the physical space - the traditional domain of architecture and design - becoming an "Internet of Things" or IoT. As such, it is opening the door to a variety of applications that - in a similar way to what happened with the first wave of the Internet - can encompass many domains: from production to citizen participation, from energy to mobility to public hygiene, all of which requiring new insights due to the changes brought forth by the ongoing COVID-19 pandemic. The contribution from Prof. Carlo Ratti will address these issues from a critical point of view through projects by the Senseable City Laboratory, a research initiative at the Massachusetts Institute of Technology, and the design office Carlo Ratti Associati.

20:30 TALKS & DRINKS

DRINKS OFFERED BY DESIGN EXPRESS / VECTORWORKS

22:30 DOORS CLOSED

18:50 - 19:20 / STAGE 2
PELLE BERKHOUT - EXCEPT / ORCHID CITY

PROJECT MANAGER

ORCHID CITY: THE FUTURE OF SUSTAINABLE DEVELOPMENT

We are building a place that has never been built before, in a time where the world desperately needs new solutions for a resilient future. Orchid City is the world's first self-sustaining city blueprint. Here, we reinvent how we coexist with nature and with each other. Orchid City goes beyond just being a beautiful place to live. It is a home for those who want to live happy, healthy lives, in harmony with the environment and the community around them. It is the first affordable physically, socially, and environmentally sustainable city blueprint in the world. For those wanting to help build a better future.

19:30 - 20:00 / STAGE 2
SYLVIANNE VAN BUTSELE

DIRECTOR STRATEGY & OPERATIONS

CHALLENGES OF FUTURE-ORIENTED URBAN DEVELOPMENT

As director of strategy and operations of urban development company sogent, Sylvianne Van Butsele will provide insight into the challenges and opportunities of future-oriented, sustainable and qualitative urban development in Ghent. Sylvianne will talk about the challenges and opportunities they face as an urban development company with regard to sustainable urban development. How can a city develop in a future-oriented manner and what role can they play in this as an urban development company?

LIFECYCLES

FRIDAY 30 SEPT.

13:30 DOORS OPEN

**14:05
OFFICIAL OPENING**

**BY NICOLAS BEARELLE
FOUNDER OF REVIVE, OWNER OF THE VYNCKIER SITE, THE LIFECYCLES VENUE**

**14:20 - 14:50 / STAGE 1
KIM HERFORTH NIELSEN - 3XN**

FOUNDER & PRINCIPAL

ARCHITECTURE IS ALWAYS ABOUT THE FUTURE

Architecture always relates to time, considering the time necessary from concept to construction. The processes behind any large-scale development spans over 5-10 years in average, so at any given moment we are already shaping the architecture of the future. We are building for future generations, and we have responsibility to design for the foreseeable challenges like climate change, which presents more tangible anchor points for design processes, while also addressing soft and intangible ones. Kim will speak about how 3XN Architect's employ futurology in their practice to ensure long-term resilience for the buildings they design, the people who use them, and, ultimately, the investments their clients make. Taking a research-based approach in all of their work, 3XN draw on the larger cultural, economic and ecological context of every project, as well as emerging societal trends, to ensure the ability to respond to change.

**15:00 - 15:30 / STAGE 1
LINA GHOTMEH - LINA GHOTMEH
ARCHITECTURE**

FOUNDER

**NATURAL ARCHITECTURE - AN
ARCHEOLOGY OF THE FUTURE**

Time, memory, space, nature and humanity form a symbiotic whole in the work of Paris-based architect Lina Ghotmeh, whose exquisite interventions stem from thorough historical research. Her design methodology, an "archeology of the future," results in constructed landscapes that enliven both memories and senses. Drawn from the traces of their place, these architectures arise from listening closely to their context, establishing a new "djä-lä." Through them, past meets future as histories are unearthed and memories excavated to raise questions enabling more just and sustainable architecture. Ghotmeh's practice also emphasizes artisanship and the work of the hand, allowing the built environment to embrace the traditions of its localities and uplifting the subjective experience and collective memory of those it recalls.

**15:45 - 16:05
STAGE 1
20MINUTE TALK**

**KIM H. NIELSEN & LINA GHOTMEH
MODERATED BY MARTHA THORNE (IE)**

**15:00 - 15:30 / STAGE 2
LUC WALLAYS - OMGEVING**

LEAD DESIGNER

7 DESIGN APPROACHES

More than ever, landscape architects must serve the landscape. Starting from a fundamental understanding and meaning of the landscape, every project should make its contribution to the landscape. Landscape architecture should not dominate, but rather organise. We should definitely leave behind the days when man forced his will over the landscape. Luc Wallays pleads for a return to dialogue based on the awareness that one should not play around with the landscape, sooner or later the landscape will bite back. Floods in residential areas, dehydration phenomena, urban heating, all phenomena with the same origin. The landscape is crying out for help. Let us therefore learn to listen and look at the landscape.

**15:40 - 16:10 / STAGE 2
JAN WURM - ARUP / KUL**

LEADER RESEARCH & INNOVATION / PROFESSOR

**REGENERATIVE ARCHITECTURE -
BUILDING WITH THE BIOSPHERE**

In this lecture, Jan will merge the strategic dimension of his previous work as a Director of Arup leading Foresight, Research and Innovation with the perspective of a facade designer and most recently as a professor at KU Leuven researching bio-based and bio-fabricated materials in the context of a circular bio economy. Starting from the current context of supply chain interruptions as a driver for innovation and Arup's recently published Circular Economy Toolkit, Jan will share project examples and applied Research in three categories of circular, bio-based and living building skins.

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16:40 - 17:10 / STAGE 1

DANA BOGDAN - BOGDAN & VAN BROECK

FOUNDING & MANAGING PARTNER
HEALTH AND THE CITY

Since co-founding BOGDAN & VAN BROECK in 2007, Oana Bogdan has focused on the realisation of caring architecture, the activism for a high-quality urban culture and the redefinition of the traditional role of the architect. However, it is her experience in politics in Romania that has helped her most in her commitment to the future health of Brussels.

17:20 - 17:50 / STAGE 1

XAVIER DE KESTELIER - HASSELL

HEAD OF DESIGN

SUSTAINABILITY IN EXTREME ENVIRONMENTS, FROM REFUGEE SETTLEMENTS TO SPACE STATIONS

The challenge of space is not just an architectural one, but one that involves a level of speculation in design, technology and engineering that most people would refuse to imagine. It's a challenge to how every comfort we take for granted, with solutions needed for the physical survival (circular economies of oxygen and hydrogen), and the emotional (how we survive ourselves, and each other). Mostly, it's a challenge to our own ambition and how we will live in a post-Earth Anthropocene.

At the same time this physical and emotional survival in extreme environments are prevalent not only in space. We believe the same ingenuity and open mindset is needed for some of the most challenging places on this planet such as ever growing refugee settlements. But, we believe that we need to go beyond survival and create spaces to thrive, not only survive.

17:55 - 18:15

STAGE 1

20MINUTE TALK

XAVIER DE KESTELIER & OANA BOGDAN
MODERATED BY **HAMID MASSANZADEH**
(**PARAMETRIC ARCHITECTURE**)

16:40 - 17:10 / STAGE 2

MARTHA THORNE - IE SCHOOL OF A&D
FORMER DIRECTOR PRITZKER PRIZE

DEAN

THE CITY AS ECOSYSTEM

Traditionally, we have approached the city from the perspective of separate professions or sectors or specific industries. While this may help us get closer to the issues at hand, it obscures the multiple connections among the many aspects of our built, natural, and digital environments. By trying to understand the city as an ecosystem or a collection of interconnected systems, we will be able to see and evaluate our actions and the reactions that they may cause in the short, medium, and longer term. An ecosystemic approach will also allow us to incorporate necessary feedback to keep our city responding dynamically to changing situations. While this approach seems appropriate, the big question remains: how can we do this? The purpose of my talk is to illustrate some of the complexities of our cities and highlight some examples and propose some possible paths to help us understand, and respond to the challenges our cities and its residents face with a holistic mindset.

17:20 - 17:50 / STAGE 2

ESTHER LELYVELD - LINGOTTO

PARTNER

THE FUTURE OF REAL ESTATE DEVELOPMENT: SHIFTING FOCUS

As the number of people inhabiting this planet will increase to about 10 billion in 2050, how can we ensure there's enough housing to accommodate those people while still reducing CO2 emissions (Paris Climate Agreement). How does this challenge (and other challenges) influence the role and focus of the real estate developer and what can we do to make a change?

18:00 - 18:30 / STAGE 2

WIM MENTEN & DIETER LEYSSEN - 51N4E

FOUNDING PARTNER

TITLE TO BE CONFIRMED

LIFECYCLES

FRIDAY 30 SEPT.

18:50 - 19:20 / STAGE 1

SINUS LYNØE - EFFEKT

CO-FOUNDER

BUILDING WITHIN BOUNDARIES

How should we live and build and live a world with finite resources? In recent years EFFEKT Architects have focused on the big questions facing the construction industry and society at large as we enter the big transition from being a degenerative to regenerative species. Sinus Lynge will show recent projects aiming to push our building culture towards the planetary boundaries. Amongst various design projects also showing the newly developed Carbon Reduction Roadmap for the industry.

19:25 - 19:45

STAGE 1

20MINUTE TALK

SINUS LYNØE & REINIER DE GRAAF
MODERATED BY MARTHA THORNE (IE)

20:00 - 20:30 / STAGE 1

REINIER DE GRAAF - OMA

PARTNER OMA / CO-FOUNDER AMO

THE MASTERPLAN

What are the options for an aspiring architect when presented with a commission too good to be true? Drawing from his novel The Masterplan, Reinier de Graaf reflects on the current state of the architecture profession and its place in society.

20:30 TALKS, DRINKS, BITES

22:30 DOORS CLOSED

18:50 - 19:20 / STAGE 2

GILLES RETSIN - AUAR / RETSIN

CO-FOUNDER

ARCHITECTURE & AUTOMATION

In his lecture Gilles Retsin will talk about the possibility of an automated architecture through the work of his own practice and tech startup AUAR Ltd. How can robotics, AI and algorithms help us imagine a world where housing becomes accessible to the many? How can we create a more beautiful and inspiring, but also more inclusive build environment for everyone?

19:30 - 20:00 / STAGE 2

JOHANNES ROBBRECHT - ROBBRECHT EN
DAEM ARCHITECTEN

PARTNER

BUILDING IN (ETERNAL) EXPECTATION

LIFECYCLES IS SUPPORTED BY A SELECTION OF PREMIUM PARTNERS. LEADING BRANDS AND MANUFACTURERS WITH AN INTEREST IN THE IMPORTANCE OF ARCHITECTURE, AND THE AIM TO IMPROVE THE QUALITY OF OUR BUILDINGS, CITIES AND COMMUNITIES.



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