



PROGRAMMVORSCHAU SKYBERRIES 2018

Datum: 28. FEBRUAR - 2. MÄRZ 2018

Ort: Wien, Messe Wien Exhibition & Congress Center (Messeplatz 1, 1021 Wien)

SKYBERRIES, die Konferenz zu Ernährungssicherheit, urbaner Landwirtschaft und Vertical Farming findet als Teil der URBAN FUTURE global conference statt und verbindet das weltweit größte Treffen von City-Changern mit der ersten Vertical Farming Konferenz im deutschsprachigen Raum. Gestalten Sie die Zukunft aktiv mit!

Infos & Tickets: www.skyberries.at

Tag 1 - Mittwoch 28. Februar

8:00	Doors Open and Welcoming
9:00 - 9:15	Opening and Introduction
9:15 - 10:30	Session 1: <i>"Vertical Farming Past, Present and Future"</i> Diese Session verschafft einen Überblick über die 50-jährige Geschichte von Vertical Farming, zeigt die Notwendigkeit alternativer Agrartechnologien auf und gibt einen Ausblick auf die Zukunft der urbanen Lebensmittelversorgung. Speaker: Dickson Despommier („The Vertical Farm“), Daniel Podmirseg (vertical farm institute), Henry Gordon-Smith (Agritecture Consulting)
10:30 - 11:00	Coffee Break
11:00 - 12:30	Session 2: <i>"How to successfully run a vertical farm"</i> Der Zukunftsmarkt Vertical Farming verlangt nach Visionen und langfristigen Strategien - ebenso aber nach wirtschaftlich realistischen Perspektiven. Drei Fallbeispiele vertikaler Farmen werden vorgestellt und verleihen einen exklusiven Einblick in die jeweiligen Erfolgsfaktoren und Herausforderungen. Speaker: Nona Yehia (Vertical Harvest), Chris Malcolm (Spread Farms), Isabel Molitor (Farmers Cut)
12:30 - 14:00	LUNCH
14:00 - 15:30	Session 3: <i>"Improve what we have. Energy, light and urban farm"</i> Licht ist der Schlüssel zu gesunden und schmackhaften Nahrungsmitteln. Diese Session beleuchtet die Potenziale zur Steigerung der Energieeffizienz in vertikalen Farmen. Energetisch optimierte Gebäude mit transparenten Fassaden stehen den heute dominanten BlackBoxes gegenüber. Vertical farming wird künftig stärker als bisher auf die Verwendung natürlicher Ressourcen ausgerichtet sein müssen. Speaker: David Schmidmayr (SANlight), Christoph Mayr (AIT), John Apesos (growX)
15:30 - 16:00	Coffee Break
16:00 - 17:30	Session 4: <i>"Vertical farms in the context of city planning"</i> Die Externalitäten unseres globalen Nahrungsmittelangebots haben eine enorme Auswirkung auf die Städte. Innerhalb dieser Session diskutieren politische Entscheidungsträger_innen über Hürden und Potenziale urbaner Nahrungsmittelproduktion. Lösungen für die Lebensmittelversorgung der resilienten Stadt werden diskutiert. Speaker: Isabel Wieshofer (City of Vienna), und weitere TBA
17:30 - 18:30	Vertical Farming Dating & Networking

Tag 2 - Donnerstag 1. März

8:00	Doors Open
9:00 - 10:30	Session 5: <i>“Fighting for Food Justice in Today's World: Extreme Cases”</i> Der Anstieg der urbanen Nahrungsmittelproduktion bringt unterschiedlichste Fragestellungen wie jene nach Eigentumsverhältnissen, sozialer Akzeptanz und Veränderungen des individuellen Verhaltens mit sich. Diese und weitere Problemstellungen stehen im Zentrum der Session. Speaker: Saskia Sassen (Columbia University), Franz Fischler (European Forum Alpbach), Valentin Thurn (Journalist & Produzent)
10:30 - 11:00	Coffee Break
11:00 - 12:30	Session 6: <i>„Project Corners“ – interactive</i> Posters eingereichter Projekte aus dem Bereich Vertical Farming/Urban Gardening werden an beiden Konferenztagen in der Messe Wien ausgestellt und laden speziell in Session 6 zur Diskussion ein. Unser Call for Projects ist jetzt offen auf skyberries.at und wir freuen uns auf Einreichungen bis 15. Januar 2018 – alle Projekte werden somit auch automatisch auch für den „SKYBERRIES Vertical Farming AWARD“ eingereicht. Keynote: Barbara Imhof (Liquifier), Conrad Zeidler (DLR) und weitere TBA
12:30 - 14:00	LUNCH
14:00 - 15:30	Session 7: <i>“Industry Speed Dating” - interactive</i> Unser neues interaktives Session-Format lädt Fachexperten aus dem Bereich Vertical Farming/Urban Gardening ein, neueste Forschungsergebnisse, Produkte und Visionen zu präsentieren. Industry-Partner können sich für die Teilnahme auf skyberries.at online bewerben, ihr Projekt auf der Bühne präsentieren und mit allen Teilnehmer_innen der Session vor Ort diskutieren. Keynote: Josef Schmidhuber (Food and Agriculture Organisation), Daniel Kats (Infarm) und viele weitere mehr
15:30 - 16:00	Coffee Break
16:00 - 17:00	Session 8: <i>“Conference mission, vision and outcomes sum-up</i> Zusammenfassung der “Mission and Vision” sowie Ergebnisse der Konferenz.
17:00 - 17:30	“SKYBERRIES Vertical Farming Award” Die feierliche Auszeichnung der besten und innovativsten Projekte aus Vertical Farming und Urban Gardening, welche bis 15. Januar im Rahmen unseres „Call for Projects“ auf skyberries.at eingereicht wurden.
17:30 - 19:00	Drinks and Networking

Tag 3 - Freitag 2. März

09:00 – 11:00	Exkursion zum „Ruthner Turm“ einer der ersten vertikalen Farmen der Welt von Oswald Ruthner (gebaut 1974) im Kurpark Oberlaa, Wien.
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Sowie weitere Exkursionen in Wien und Umgebung, welche von URBAN FUTURE angeboten werden.

**vorbehaltlich Programmänderungen*

SPEAKER SKYBERRIES 2018

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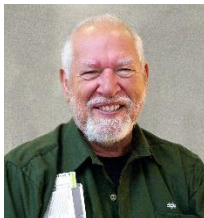
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JOHN APESOS

John is the Founder & CEO of GrowX B.V. a vertical farming company. He worked in venture capital backed start-ups in many areas: media, couture fashion, LED lighting and creative leadership in business development and marketing. John has a MBA from Rotterdam School of Management at Erasmus University and BA in History from Boston University. He drew his passion for building vertical farms from his years leading groups in the mountains and backcountry, as an answer to address the imbalance between humanity and the natural world.



DICKSON DESPOMMIER

Dickson is a microbiologist, ecologist, and emeritus professor of Public and Environmental Health at the Columbia University. In 2010, he published his widely received book: "The Vertical Farm: feeding the world in the 21st Century". Well known for his podcasts, TED Talks and lectures on vertical farming, Dickson also supports the vertical farm institute as Board Member.

www.verticalfarm.com



DANIEL PODMIRSEG

Daniel is founder of the vertical farm institute and Vertical Farming expert, studied architecture. His dissertation "up!" deals with the potential of vertical farms with regard to the reduction of energy and land consumption. "up!" is considered a standard work and Dickson Despommier assesses the work as the most comprehensive research on Vertical Farming in the world so far.

www.verticalfarminstitute.org



FRANZ FISCHLER

Franz Fischler became widely known and much respected both domestically and internationally when he was EU commissioner. Between 1995 and 2004, the future of European agriculture was in his hands. Franz Fischler implemented his vision of modern agriculture in far-reaching reforms of European farming policies, rural development and fisheries. Since December 2015 he is president of the Institute for Advanced Studies in Vienna, since 2012 president of the European Forum Alpbach.

www.alpbach.org



HENRY GORDON-SMITH

Henry is a sustainability strategist focused on urban agriculture, water issues, and emerging technologies. He is Founder of the popular blog Agritecture.com and a Co-Founder of the Association for Vertical Farming (AVF). Three years ago, Henry launched his company Agritecture Consulting (formerly Blue Planet Consulting), a boutique global urban agriculture advising firm where he helps entrepreneurs with vertical farming feasibility studies, recruiting, and systems design.



BARBARA IMHOF

Barbara is an internationally active space architect, design researcher and educator. Barbara Imhof is the co-founder and CEO of LIQUIFER Systems Group, an interdisciplinary team comprising engineers, architects, designers and scientists. Her projects deal with spaceflight parameters such as living with limited resources, minimal and transformable spaces, resource-conserving systems; all aspects imperative to sustainability. Since the 2000s Barbara is also involved in biomimetic designs for architectural structures.

www.liquifer.com



CHRIS MALCOLM

Chris is an Assistant Manager for business development at Spread, a Kyoto-based company with over a decade of experience operating Japan's largest indoor vertical farm, capable of producing 21,000 heads of lettuce daily for sale nationwide. Born and raised in Canada, Chris has spent the last 10 years working in Japan where he has had the unique opportunity to understand vertical farming's critical role in easing Japan's issues of food security, resource sustainability and its aging farming population. www.spread.co.jp/en



ISABEL MOLITOR

Isabel is co-founder and CMO at Farmers Cut, an indoor vertical farming company based in Hamburg with the mission to build a global farm network to deliver locally produced, pesticide-free greens from farm-to-fork. Prior to Farmers Cut Isabel lived in New York working in Marketing for a Swiss skincare company. Isabel holds a B.Sc. in Business Administration from the European Business School and a M.Sc. in International Development from New York University's Center for Global Affairs. www.farmerscut.com



STEFAN OBERMAN

Stefan is Chief of Staff at AeroFarms, a high-tech, data driven vertical farming company that is revolutionizing agriculture. A passionate advocate for all things ag-tech, Stefan brings with him a background in agriculture, technology, government relations and international affairs. AeroFarms has been recognized as a Circular Economy 100 company, won the World Technology Award for most impactful Environmental Company and received the 2016 New Jersey Governors Award for Environmental Excellence. www.aerofarms.com



SASKIA SASSEN

Saskia is the Robert S. Lynd Professor of Sociology and member of The Committee on Global Thought, Columbia University. Her latest book is *Expulsions: Brutality and Complexity in the Global Economy* (Harvard University Press 2014) now out in 18 languages. She is the recipient of diverse awards, including multiple doctor honoris causa, the Principe de Asturias 2013 Prize in the Social Sciences, and made a Foreign Member of the Royal Academy of the Sciences of the Netherlands.

www.saskiasassen.com



JOSEF SCHMIDHUBER

Josef is the Deputy Director in the Trade and Markets Division of the UN's Food and Agricultural Organization (FAO). His work has been published in numerous books, peer reviewed journals, or as documents of international organizations such as the OECD, the IPCC, and the FAO. His areas of interest include commodity market analysis and outlook, trade and investment in agriculture, global food and nutrition issues, climate change, as well as links between bioenergy and agricultural markets. He holds a M.Sc. degree in agricultural economics and a Ph.D. in economics from the Technical University of Munich.



DAVID SCHMIDMAYR

David is an expert in LED-lighting with many years of experience in horticulture. Using his in-depth knowledge of photonics and semiconductor technology, he co-founded five years ago SANlight (as a company and research institute), with the purpose of developing and manufacturing LED illumination systems for commercial greenhouses, special applications and household use. SANlight won the "Born Global Champion" award in 2016.

www.sanlight.info



VALENTIN THURN

Valentin is a director and producer of more than 50 television documentaries and reports on social, developmental, environmental and educational issues. His shooting and lecture tours have taken him to over 50 countries on all continents. For his films, he received a number of prizes and awards. "Taste the Waste" was a box office hit in 2011/12, and "10 Billion – What's on your plate?" was the most successful German cinema documentary in 2015. He is chairman of the association "Taste of Heimat", board member of the association

"Foodsharing Germany" and co-Founder of the International Federation of Environmental Journalists (IFEJ).

www.thurnfilm.de



ISABEL WIESHOFER

Isabel is the Head of the Section Landscape and Open Space planning for the Department of Urban Planning at the City of Vienna. Before this she took the lead on the European Union project "URBAN SMS", collaborating with cities across Europe this project focused on urban soil management. At the same time she was involved in the area of "Nature Conservation" in the city of Vienna Department of Environmental Protection. Isabel has an extensive academic background in research regarding nature preservation in urban environments.



NONA YEHIA

Nona is uniquely positioned in the Vertical Farming sphere as she is at once a practicing Architect, the Co-Founder, Owner, Designer and CEO of a cutting edge greenhouse, Vertical Harvest of Jackson Hole. This combination has cultivated expertise in both the design, implementation and operation of innovative systems and programs that position Vertical Harvest to be an impact model for communities around the globe.



CONRAD ZEIDLER

Conrad has a diploma in industrial engineering, specialized in space technology. Since 2012 scientific member of the Institute of Space Systems (DLR) in Bremen, Germany. Member of the EDEN ISS project, which focuses on ground demonstration of plant cultivation technologies and their application in space. EDEN ISS develops safe food production for on-board the International Space Station (ISS) and for future human space exploration vehicles and planetary outposts.

www.eden-iss.net