

2ND BIOMIMICRY EUROPE INNOVATION AND FINANCE SUMMIT

September 4–5, 2014
Zurich, Switzerland

GUIDING THEME: 3D PRINTING AND SUSTAINABILITY

After the successful first Summit in 2012, the Foundation for Global Sustainability (FFGS) in cooperation with swisscleantech, LIFE Climate Foundation, Zurich Zoo, Biokon, Wyss Institute Harvard, PLNU San Diego, and Ethical Markets, are pleased to announce the second Biomimicry Europe Innovation and Finance Summit 2014 in Zurich/Switzerland.

Join us in beautiful Zurich and experience an engaging, energizing 1,5 day Summit with the following Highlights:

- . *Key industry and financial experts sharing their latest insights*
- . *Presentation of selected business cases and investment opportunities*
- . *Interactive exhibition and breakout work sessions*
- . *Summit dinner at the Zurich Zoo's unique Masoala Rainforest Hall.*



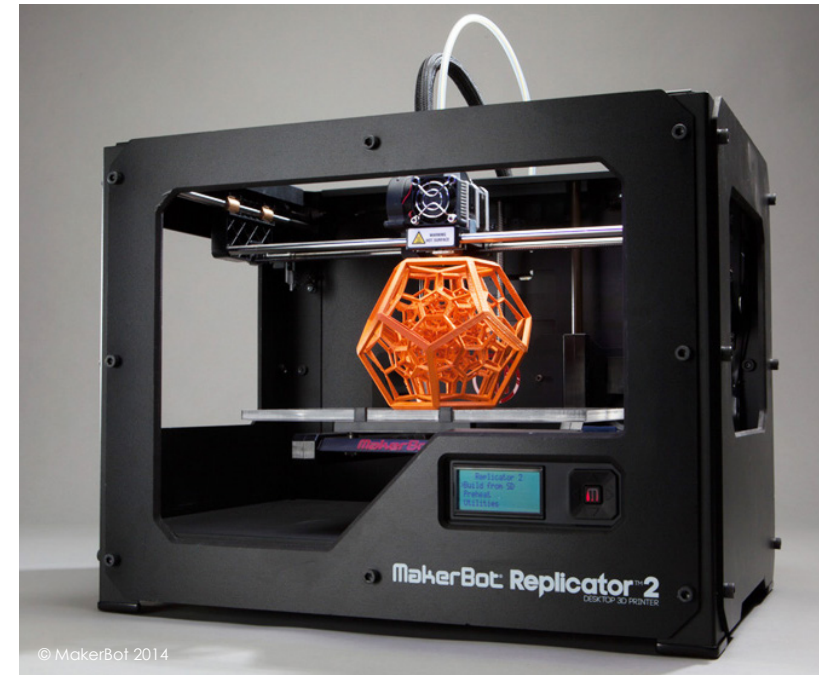
At the Summit 2014 in Zurich, leading innovation and financial experts discuss appropriate instruments and models to accelerate the concrete translation of nature-inspired technologies into commercial products and organizational change – with 3D printing and sustainability as the guiding theme.

3D PRINTING AND SUSTAINABILITY

NATURE-INSPIRED 3D PRINTING

- . Nature is designing and building existing structures by minimizing materials use and on a limited number of fully recyclable and non-toxic polymers - this offers the key to making sustainable 3D printing a reality*
- . Nature constructs from the inside out - not from the outside in, grinding down blocks of particular materials to a desired shape, thus producing waste materials and down-cycling systems. This inside out approach will lead to a new design understanding, new curricula, etc.*
- . 3D printing will further drive significant changes in material flows, logistics, spare part management, business models, etc. As of today, the discussion was mainly driven by a focus on novel solutions that technology enables, neglecting technology impact scenarios, life cycle assessments, etc.*

Particular case studies and insights related to 3D printing and sustainability will be presented and discussed.



WHO SHOULD ATTEND



The Summit 2014 provides an open, cross-collaborative platform for executives, decision makers and project leaders from:

- . *Multinationals corporations, SME's and startups actively looking for partnerships with science, business and finance partners*
- . *Financial experts, private and institutional investors looking for investment opportunities and latest market insights*
- . *Universities, science and technology transfer institutions designing innovative commercialization and business models*
- . *Zoos and botanical gardens developing strategies and programs linking biodiversity, bio-inspiration and business*
- . *NGO's and governmental agencies launching nature-inspired and/or 3D printing-related programs and initiatives*

EXHIBITION & WORK SESSIONS

The Summit will feature a table exhibition in conjunction with the Breakout Work Sessions, thus providing high visibility and exchange among all participants and exhibitors. The exhibition will take place during both Conference days (Thursday all day, Friday morning). Tables, displays and prototypes will be integrated in the main Conference area.

The interactive Breakout Work Sessions will address the following topics:

- . *3D Printing and Sustainability*
- . *Materials, Construction, Design*
- . *Financing Instruments & Trends*
- . *Technology Transfer & Business Models*
- . *Biodiversity & Roles of Zoos/Botanical Gardens*
- . *Cross-Collaboration in Europe*

In the Breakout Work Sessions on Day 1 potential opportunities and challenges related to these 6 work topics will be presented and discussed. Summit goal is to co-develop the key elements of a common Road Map 2020 and a respective Actionplan based on these inputs and findings.

THE EXHIBITOR PACKAGE OFFERS:

- . *Expo table for 1,5 days (Thursday all day, Friday morning) to be integrated in the Conference*
- . *Profile listing in the Conference program handed to all Conference attendees*
- . *Recognition on the Summit website*
- . *Conference registration for 2 participants with all meals and materials included*

THE EXPO HOURS:

Thursday, September 4, 8:00 am - 6:30 pm
Set up at Conference location: 7:00 am

Friday, September 5, 7:30 am – 12:00 pm
Close down: 12:00 pm

CONFERENCE PROGRAM

Location

Marriott Hotel – Neumühlequai 42 – 8006 Zürich

Thursday, September 4

- 8:00 Registration
- 9:00 **Welcome**
Core Partners; *Markus Assfalg*, Conton of Zurich
- 19:15 **Financial Instruments and Trends**
Lynn Reaser, PLNU San Diego
Simon Tribelhorn, LIFE Climate Foundation Liechtenstein
Bob Full, Department of Integrative Biology, Berkeley
- 10:30 **The Wyss Panel**
Mary Tolikas, The Wyss Institut at Harvard
Jennifer A. Lewis (TBD)
- 11:45 **Expo Highlights**
Short presentations, all exhibitors
- 12:15 **Networking Lunch**
Expo
- 13:15 **Investor Case Studies, Session 1**
David Kisailus, Biomimetics and Nanostructured Materials Lab, UC Riverside
Yanik Peer, Exploration Architecture, London/UK
Christoph Widmer, Phonak, Stäfa/Switzerland
Håkan Grönlund, H2O Vortex, Sweden
Christoph Weder, Adolphe Merkle Institute, Fribourg/Switzerland
Thomas Speck, Biokon, Freiburg/Germany
- 14:30 **Biomimetics and Biodiversity at Zoos and Botanical Gardens**
Michal Topaz, Zoo Tel Aviv
Christoph Neinhuis, Botanical Garden Dresden/Germany
- 15:15 **Breakout Work Session:
Road Map 2020, Actionplan**
6 parallel work groups, in conjunction with expo
- 17:30 **Plenum**
Learnings Day 1
- 17:45 **Shuttle Transfer to Zoo Zurich**
- 19:30 **Dinner Reception**
Masoala Rainforest Zurich Zoo
Alex Rübél, Director Zurich Zoo

CONFERENCE PROGRAM

Location

Marriott Hotel – Neumühlequai 42 – 8006 Zürich

Friday, September 5

7:30 Registration

8:15 **Welcome**

Rafael Hostettler, Roboy ETH Zurich

8:35 **3D Printing, Education and Philanthropic Investment**

Asha Jadeja, Motwani Jadeja Family Foundation,
San Francisco (TBD)

8:55 **Bioinspiration and Impact Investing**

Mariana Bozesan, Aqal Capital, Munich/Germany

9:15 **Investor Case Studies, Session 2**

Panel discussion with:

Francesca Bertone, PAX Scientific, San Francisco

Chris Garvin, Terrapin Bright Green, New York

Ingo Burger, EMPA Dübendorf/Switzerland

Deb Grove, San Francisco Conservatory of Flowers

Kalina Raskin, CEEBIOS Paris

9:45 **Parallel Breakout Work Session:**

Expo Market, Live Bioinspiration Workshop

Join one of the two parallel Work Sessions

11:15 **Bridging Wall Street and Bioinspiration – The Nature of Investing**

Katherine Collins, Honeybee Capital, New York

Lina Constantinovici, Startup Nectar, San Francisco

11:45 **Closing Remarks, Outlook**

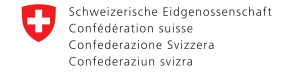
Christian Häuselmann, swisscleantech

12:00 **Networking**

Farewell Aperero

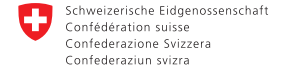
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LOGISTICS



COMMUNICATION & MEDIA



NETWORK PARTNERS



SPEAKERS & MODERATORS



Markus Assalg ¹
Business and Economic
Development Canton Zurich

Francesca Bertone ²
PAX Scientific

Fritz Bircher (TBC)
Institute iPrint

Mariana Bozesan ³
Aqal Capital Munich

Ingo Burger ⁴
EMPA, Applied Wood Materials
laboratory

Katherine Collins ⁵
Honeybee Capital

Lina Constantinovici ⁶
Startup Nectar

Rainer Erb ⁷
Biokon International

Bob Full
Department of Integrative Biology,
Berkeley

Samuel Furrer ⁸
Zurich Zoo, Curator

Chris Garvin ⁹
Terrapin Bright Green

Håkan Grönlund
H2O Vortex

Deb Grove ¹⁰
San Francisco Conservatory
of Flowers

Manfred Hofmann (TBC)
3D Systems SA, Technical
Development

Rafael Hostettler ¹¹
Roboy

Asha Jadeja (TBC)
Motwani Jadeja Family Foundation

David Kisailus
Biomimetics and Nanostructured
Materials Lab, UC Riverside

Jennifer A. Lewis (TBC)
Wyss Institute Harvard

Christoph Neinhuis
Botanical Garden Dresden

Arndt Pechstein ¹²
Biomimicry Germany

Yannik Peer
Exploration Architecture London

Kalina Raskin ¹³
Biomimicry European Center
of Excellence of Senlis, CEEBIOS

Lynn Reaser ¹⁴
Chief Economist Fermanian Business
and Economic Institute

Alex Ruebel ¹⁵
Zurich Zoo, Director

Thomas Speck ¹⁶
Biokon and Botanic Garden
Freiburg/Germany

Andre Studart ¹⁷
ETH Zurich, Complex Materials

Mary Tolikas ¹⁸
Wyss Institute Harvard

Michal Topaz
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Simon Tribelhorn ¹⁹
LIFE Climate Foundation Liechtenstein

Kristina Wanieck ²⁰
Bayonik, Deggendorf Institute
of Technology

Christoph Weder ²¹
Adolphe Merkle Institute, Center
for Soft Nanomaterials

SUMMIT PACKAGES

CONFERENCE PACKAGES

PACKAGE I

Conference Participant

September 4–5, 2014

Price CHF 1150.–
swisscleantech Price CHF 580.–
Student Price* CHF 280.–

PACKAGE II

Exhibitor

September 4–5, 2014

Price CHF 2500.–
swisscleantech Price CHF 1900.–

NOTE

Prices are in CHF and do not include 8% VAT
* Student price: limited availability

**THANK YOU –
WE LOOK FORWARD
TO SEEING YOU IN ZURICH!**

PACKAGE PRICES INCLUDE

- . All keynotes, panels, breakout work sessions and networking sessions Breakfast coffee and lunches
September 4 and 5
- . Dinner Reception and Guided Masoala Rainforest Tour
September 4
- . Access to the Conference exhibition area
- . Applicable event materials and presentations

DISCOUNTS

Conference participants save CHF 200.– and pay CHF 950.– with Early Bird discount through registration by July 20 2014 not applicable for swisscleantech and Student Price

swisscleantech member discount: save even more – be sure to notify us if you are an employee of a swisscleantech member company and get the swisscleantech price.

CANCELLATION POLICY

Refunds are available up to July 31st 2014, minus a 10% cancellation fee. No refunds are provided if requested after July 31st 2014.

REGISTRATION CONTACT

**REGISTER NOW ON
WWW.BIOMIMICRY.CH**

**AND SAVE MONEY WITH
THE EARLY BIRD DISCOUNT
UNTIL JULY 20, 2014!**

Delegates enjoy 1,5 days of comprehensive workshop and conference agenda, experienced keynote speakers, interactive breakout work sessions, and networking with nature-inspired innovation and finance leaders from around the world.

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CARL ZIEGLER

Summit Logistics
T-Link, CEO

LINA CONSTANTINOVICI

Summit Partners Outreach
Startup Nectar, CEO