MAY 30

OPENING
10.00 Coffee and registration

11.00 Welcome and presentation of the conference and the +Project
Åke Fransson, Umeå University, Umeå, Sweden

11.30 Opening Keynote
Birgitta Ralston, Ralston & Bau Design Studio, Bergen, Norway

12.00 Lunch

SESSION 1: DESIGN
13.00 Intro to the session
Nigel Papworth, RISE Interactive, Umeå, Sweden

13.05 Co-living with wood
Kasper Ax, AJG Architects, Copenhagen, Denmark

13.30 Life Long design, based on principles of new lightness
Manja van de Worp, Nous Engineering, London, U.K.

13.55 What shape is freedom?
Nigel Papworth, RISE Interactive, Umeå, Sweden

14.20 Coffee

14.45 Workshop
New materials and what they mean to design, living and social interaction

17.30 Opening of Expo with refreshments

18.30 Conference dinner

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SESSION 2: PRODUCTION
8.30 Intro to the session
Åke Fransson, Umeå University, Umeå, Sweden

8.35 Innovative power of additive manufacturing and the reality behind it
Vladimir Navrotsky, Siemens Distributed Generation Service Business Unit, Finspång, Sweden

9.00 3D printing of buildings – A global overview
Jakob Jørgensen, 3D Printhuset, Copenhagen, Denmark

9.25 Space frames, bone structures and 3D printing off-world habitat
Richard Maddock, Fosters + Partners, London, U.K.

10.00 Coffee

10.30 “The BOD” – A construction project in Copenhagen
Jakob Jørgensen, 3D Printhuset, Copenhagen, Denmark

11.00 Design driven material development for large-scale biomaterial 3D printing
David Sandquist, VTT Technical Research, Espoo, Finland

11.25 Plenary discussion
Michael Jalmby, Nätverket för hållbart byggande och förvaltande, Umeå Sweden

12.00 Lunch

SESSION 3: MATERIALS
13.00 Intro to the session
Jonas Joelsson, RISE Processum, Örnsköldsvik, Sweden

13.05 Biomimicry and nano-materials
Oded Shoseyov, The Hebrew University of Jerusalem, Jerusalem, Israel

13.35 Bio-based Material Experiences.
Elvin Karana, Delft University of Technology, Delft, The Netherlands

14.05 Woody materials for building processes
Mikael Lindström, RISE Bioeconomy, Stockholm, Sweden

14.25 Materials from the biorefinery of the future
Karin Johnson, RISE Processum, Örnsköldsvik, Sweden

14.45 Coffee

15.15 Workshop with interactive panel discussion
The future of forest-based materials

15.45 Closing keynote
Alexandre Bau, Ralston & Bau Design Studio, Bergen, Norway

16.00 Closing of conference