the future of making

PROGRAM

friday
MARCH 3rd

morning

08:45   Registration open

CONFERENCE OPENING

10:00   Welcome remarks by Manuel Moritz, Jens P. Wulfsberg, Tobias Redlich
10:30   Greetings from Bali by Tomas Diez - online
10:45   Keynote: William Neale, The European Commission's strategy on Circular Economy - online

INTERFACER KEY RESULTS

11:00   INTERFACER Project Review (Manuel Moritz)
11:20   Introduction to Fab City OS Core (Jaromil Roio)

12:00   Lunch break

noon

INTERFACER RESULTS & RESEARCH TRACKS (parallel)

INTERFACER Session 1 (ground floor, main stage)

13:30   Introduction to Fab City OS Suite (Raphael Haus)
13:50   How DAOs could enable sovereign Fab Cities (Alex Pawlowski)
14:10   Local Production in a Microfactory (Michel Langhammer)
14:30   The Digital Product Passport in Fab City OS (Adam Burns)
14:50   Automating documentation of Open Source Hardware (Pieter Hijma, Jorge Cesar Mariscal)
15:10   Distributed production via build workshops (Michel Langhammer)

RESEARCH TRACKS Session 2 (1st floor, conference room)

13:30   Logging into machines via FabAccess (Tasso Mulzer, Nadja Reitzenstein, dequbed)
13:50   Open Source Hardware Ecosystems (joint session by Jorge Cesar Mariscal, Robin Vobruba)
14:10   Open Source Hardware Standards (joint session by Jorge Cesar Mariscal, Robin Vobruba)
14:30   Open Lab Starter Kit as enabling technology (Mohammed Omer)
14:50   Usability of Open-Source Machines (Luisa Lange)
15:10   Local production networks of SMEs (Julia Markert)

afternoon

15:30   **Coffee break**

INTERFACER RESULTS & RESEARCH TRACKS (parallel)

INTERFACER Session 1 (ground floor, main stage)

16:00   Measuring the performance of a Fab City (Niels Boeing)
16:20   Legal Aspects of Fab Cities (Lisa Haller, Karsten Windler)

RESEARCH TRACKS Session 2 (1st floor, conference room)

16:00   The Fab City Maker Challenge: How do participation motives influence idea quality? (David Pacuku)
16:20   Open Design: Future Challenges for Operations Planning and Scheduling in Cross-Company production (Dominik Saubke)
16:40   Collaborative product development in Open Source communities (Robert Mies)

INNOVATIVE CITIES TO DEAL WITH GLOBAL CHALLENGES

17:30   Keynote and Fireside Chat with Francesca Bria - President of the Italian Innovation Fund, Digital and Innovation Policy Expert

18:15   Food, Drinks & Networking

21:00   End of Day 1

INTERFACER

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the future of making

PROGRAM

saturday
MARCH 4th

morning

09:45 Registration open

CIRCULAR ECONOMY, OPEN SOURCE & INNOVATION

10:15 Welcome remarks by Wolf Kühr
10:25 Welcome words by environmental senator Jens Kerstan, Authority for Environment, Climate, Energy and Agribusiness Hamburg (BUKEA)
10:40 Wrap-up Circular Design Deep Dive 2 (Wolf Kühr)
10:45 Panel Discussion: Nadine Herbrich, Andreas Schneider, Sarah Prien

OPEN TOOLCHAIN FOUNDATION PRESENTATION & LAUNCH

11:15 Presentation OTFN (Pieter Hijma)
11:30 Expert talk: Julian Stirling
11:55 Official Launch of the Open Toolchain Foundation

Award Session on Innovation Challenges

12:00 Maker Challenge Hamburg - Wrap-up and Best Prototype Awards (Manuel Moritz)
12:30 **Lunch break**
13:30 For Future Furniture Award Ceremony (Dominik Saubke)

noon

DEMOS AND MEETUPS

14:00 Demo Session (*expo area, ground floor*), Poster Session (*1st floor, open space*), Meetup: The Future of Distributed Manufacturing across the Globe (*1st floor, conference room*)

15:30 **Coffee break**

afternoon

DEMOS AND MEETUPS

16:00 Demo Session (*expo area, ground floor*), Poster Session (*1st floor, open space*) Meetup: Global Innovation (*1st floor, conference room*)

FAB CITY FOUNDATION & THE DIGITAL ECOSYSTEM DECLARATION

17:00 Welcome by Fab City Foundation (Kate Armstrong) and INTERFACER team (Wolf Kühr)
17:05 Introduction of the Digital Ecosystem Declaration (DED), Tomas Diez - online
17:15 Expert talks by Ben Koo - Bali, Emilio Velis - El Salvador, Prof. Dr. Tilman Santarius, online
17:45 Present outcomes of DED workshop (Ámbar Tenorio Fornés)
18:05 Outcomes and Roadmap (Kate Armstrong)
18:15 Hybrid signing ceremony (Kate Armstrong/Martin Duensing)

THE FUTURE OF MAKING

18:30 Keynote: Neil Gershenfeld, the Director of MIT's Center for Bits and Atoms, chairs the Fab Foundation, and leads the Fab Academy (online)

19:15 Food & Drinks, Get-together

23:00 End of Day 2

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