

THE ROBOTIC 3D PRINTING ECOSYSTEM, IN ONE ROOM

Two focused conference days on design, software, materials, metal, concrete, and large-format production.

DATE **30 JUNE - 1 JULY 2026**
Optional invite-only factory visits on 2 July

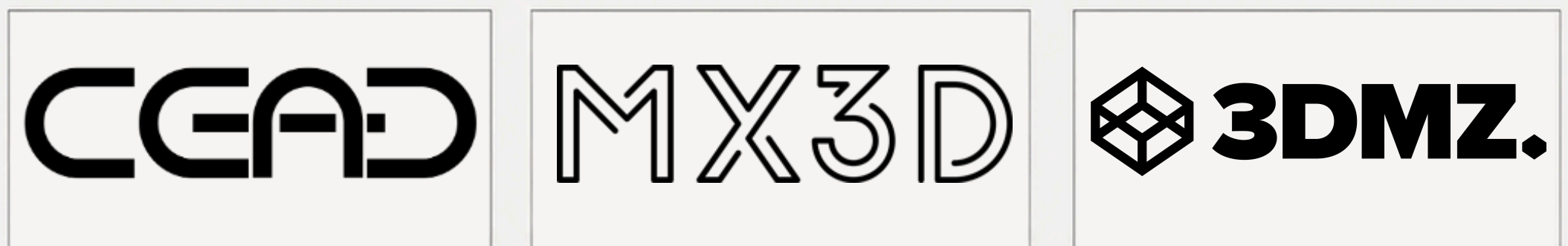
LOCATION **3D Makers Zone (3DMZ), AM Campus Amsterdam Region**



THE PEOPLE SHAPING THE FIELD

A focused room of practitioners across software, machines, materials and design.

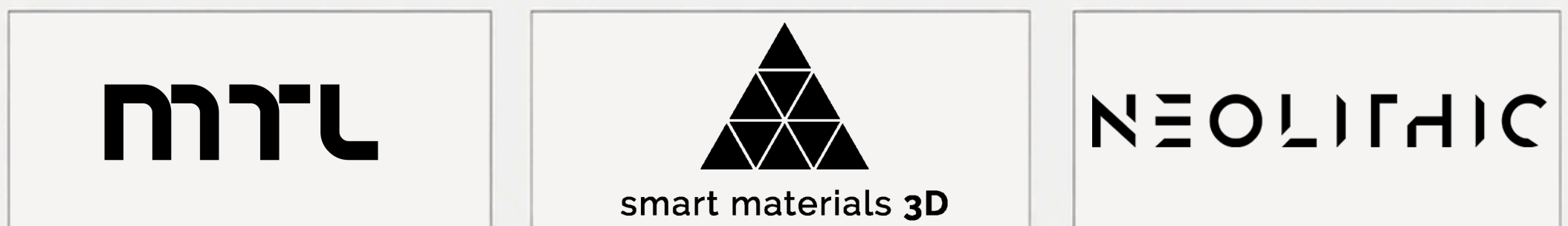
FOUNDING PARTNERS



STRATEGIC PARTNERS



SUPPORTING PARTNERS



PROGRAM CONTRIBUTORS

ABB
Aitiip Centro Tecnológico
Äerd Lab
Anika Greyling Design
D-MOD
Florida Atlantic University

Huse Design
IOUS Studio
Lamaquina
Layer Performance
Made by Mates
MORRONI | Computational Design

Nagami
Oxido Studio
Robots in Design
SDU Create
Stijn van Aardenne
Studio Blonska

TETMET
TSi Additive Lab
TU Delft
TU Eindhoven

NOT A GENERIC 3D PRINTING CONFERENCE

FROM GEOMETRY TO PROCESS

Addidex Connect is focused on the hidden layer between design intent and production reality.



Toolpaths as design material

Software-to-robot workflows

Circular and application-driven materials

Industrial scaling beyond prototypes

Large-format polymer, metal and concrete AM

DAY 1 • THE NOW

EXECUTION, COMMERCIALIZATION & CURRENT PRODUCTION

Day 1 is built around practical production reality: design workflows, toolpaths, materials, concrete, and industrial scaling.

08:00 - 09:00	Arrival & registration
09:00 - 11:45	Morning block: Design Reality
11:45 - 13:10	Mid-day block: Materials, WAAM & Toolpathing
13:10 - 14:25	3DMZ Campus Crawl & Lunch
14:30 - 16:20	Afternoon block: Materials & Concrete
16:25 - 19:00+	Evening block: Industrial Scaling & Drinks

DAY 1 · MORNING BLOCK

DESIGN REALITY

The day opens with the current state of the field and design-led perspectives on robotic 3D printing.



08:00 - 09:00	Arrival & Registration
09:00 - 09:20	Opening Keynote: The Current State of Robotic 3D Printing Michael John Sweers (Addidex / More Than Layers)
09:20 - 09:50	Design Block Keynote Aldo Sollazzo (Noumena LaMaquina PureTech)
09:50 - 10:10	The Toolpath Is the Design Miguel Garcia Jiménez (Nagami)

DAY 1 • LATE MORNING

ARCHITECTURE, STUDIOS & PANEL PREP



Coffee sits before the design panel so the panelists can prepare and the room can reset.

10:10 - 10:30	3D-Printed Ceramic Systems for Architecture Agustin Ros (IOUS Studio)
10:30 - 10:55	Coffee & Networking Break Materials Lab & Software Demos Open
11:00 - 11:45	Design Panel: Aesthetic and Structural Considerations Hosted by Aga Blonska. Featuring Mikkell Huse, Carmen Enriquez, Sol Sanchez Cimorelli

DAY 1 • MID-DAY BLOCK

MATERIALS, WAAM & TOOLPATHING

The program moves into metal optimization, bio-based materials, robotic cybercrafting and toolpath development.

**11:45 - 12:05****Large-Scale Metal 3D Printing & Structural Optimization**

Vittoria Laghi (D-MOD)

12:05 - 12:25**Bio-Based and Recycled Materials for Robotic AM**

Raquel Navarro Miguel (Aitiip Centro Tecnológico)

12:25 - 12:45**Robotic Cybercrafting & Design**

Sebastian Voigt (Made by Mates)

DAY 1 • TOOLPATHING & LUNCH

SMARTER FABRICATION WORKFLOWS

A practical link between design software, geometry, hardware control, and live demonstration.



12:45 - 13:10

Animaquina: Developing Smarter Fabrication Workflows

Luis Arturo Pacheco (Florida Atlantic University)

13:10 - 14:25

3DMZ Campus Crawl & Lunch

Materials Lab & Software Demos Open

Lunch ends five minutes before the next session so the afternoon starts cleanly.

DAY 1 · AFTERNOON BLOCK

MATERIALS, CONCRETE & FABRICATION

Material formulation, architectural-scale fabrication, and adaptive robotic workflows.



14:30 - 15:15	Materials Panel: Formulating for Today Cesar L. Patricio (FibeCycle), Deborah Claxton (Polymaker), Esther Perez (Smart Materials 3D)
15:15 - 15:35	Scaling Robotic Fabrication for Architecture Cristina Nan (TU Eindhoven)
15:35 - 15:55	Augmented Robotic Fabrication: Adaptive Workflows Özgüç Bertuğ Çapunaman (SDU Create)
15:55 - 16:20	Coffee & Networking Break Final daytime campus tours

DAY 1 · EVENING BLOCK

INDUSTRIAL SCALING & DRINKS



Day 1 closes with CEAD, a production-focused panel, and networking at 3DMZ.

<p>16:25 - 16:45</p>	<p>CEAD Keynote: Industrial Scaling & Large-Format AM</p> <p>Lucas Janssen (CEAD)</p>
<p>16:45 - 17:30</p>	<p>CEAD Panel: From Prototype to Production</p> <p>CEAD & Industry Partners</p>
<p>17:30 - 19:00+</p>	<p>Day 1 Drinks & Networking at 3DMZ</p>

DAY 2

THE NEXT

Algorithms, AI, software, metal systems, and the industrial future of robotic additive manufacturing.

08:30 - 09:00	Arrival & Coffee
09:00 - 11:30	Algorithms, AI & Software
11:30 - 12:55	Metal Systems & Spatial Fabrication
13:00 - 14:20	Lunch to Industrial Ecosystems
14:20 - 19:00	Podcast Closing & Gallery Opening



DAY 2 • MORNING BLOCK

ALGORITHMS, AI & SOFTWARE

From topology optimization and AI workflows to software control, toolpathing, and the future of digital fabrication.

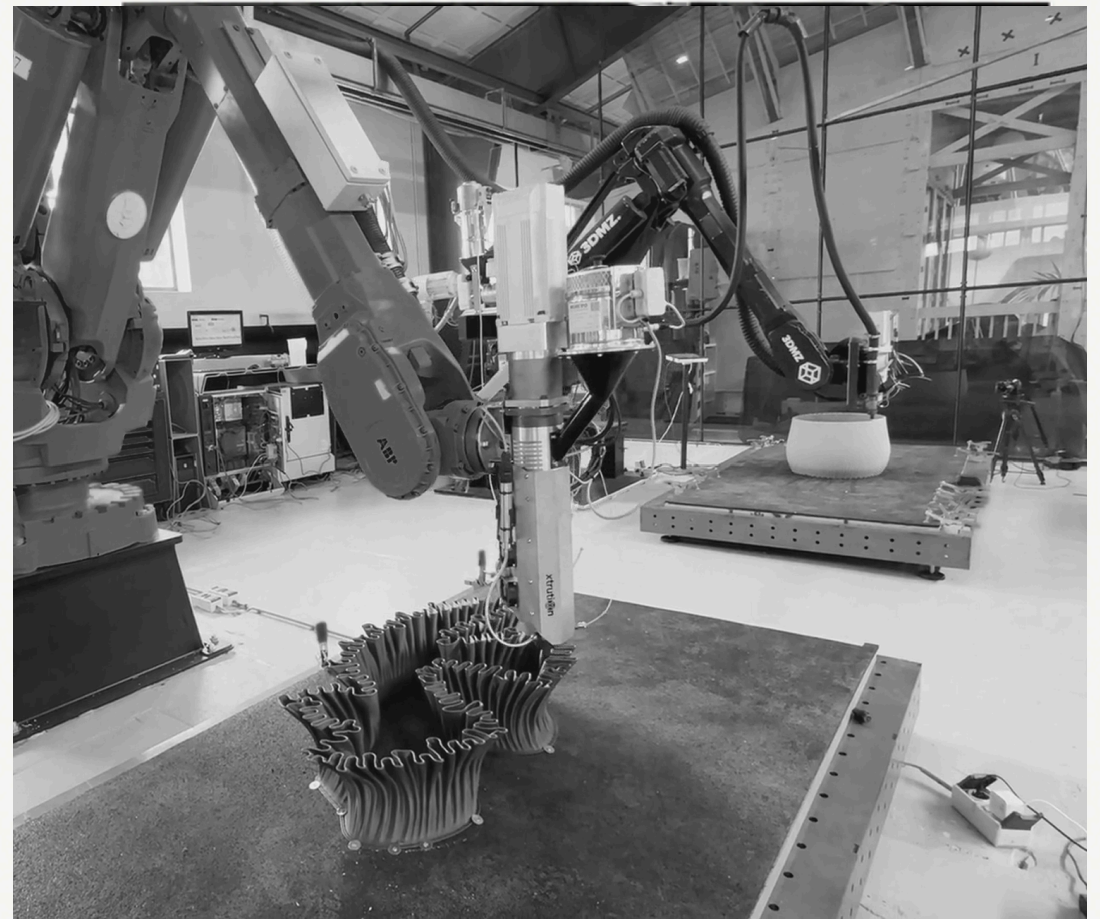
08:30 - 09:00	Arrival & Coffee
09:00 - 09:20	Day 2 Keynote: Space-Time Topology Optimization Jun Wu (TU Delft)
09:20 - 09:40	Generative AI for Robotic Fabrication Workflows Ojas Mahajan (Oxido Studio)
09:40 - 10:00	Computational Design Workflows Luc Morroni (MORRONI Computational Design)
10:00 - 10:20	Advanced Toolpathing with AdaOne Adaxis Representative (Adaxis)



DAY 2 · SOFTWARE PANEL

THE FUTURE OF DIGITAL WORKFLOWS

Coffee sits directly before the panel so the conversation can be aligned and sharp.



10:20 - 10:40

Coffee & Networking Break

Materials Lab & Software Demos Open

10:45 - 11:30

Software Panel: The Future of Digital Workflows

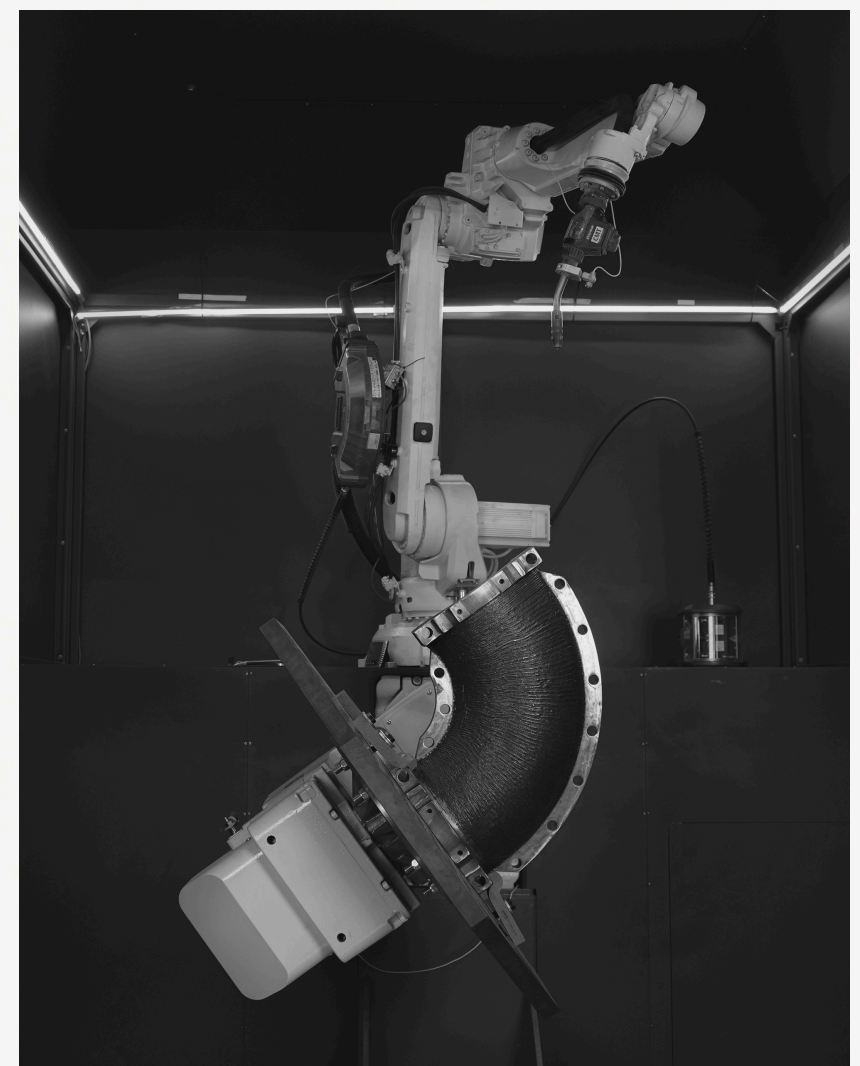
Hosted by Peter Storey. Featuring Marc Weyermann (Layer Performance), Thomas Van Glabeke (MX3D), Anders Spaak (ABB)

DAY 2 • MID-DAY BLOCK

METAL SYSTEMS & SPATIAL FABRICATION

Three different metal approaches: spatial lattice assembly, WAAM artworks, and sensor-driven process development.

11:30 - 11:50	Adaptive Spatial Lattice Manufacturing for Lightweight Structures Tom Vroemen (TETMET)
11:50 - 12:10	From Artworks to Applications: A Decade of WAAM at MX3D Kasper Siderius (MX3D)
12:10 - 12:30	Sensor-Driven WAAM Process Development Arseny Kisarev (TSi Additive Lab)
12:30 - 12:55	Networking & Demo Window
13:00 - 13:55	International Lunch Final Campus Crawl Window



DAY 2 · LUNCH TO INDUSTRIAL ECOSYSTEMS

BEYOND THE MACHINE

A clean transition from the metal block into industrial platforms, ecosystem thinking and scalable LFAM workflows.



13:00 - 13:55

International Lunch

Final Demo & Campus Window

14:00 - 14:20

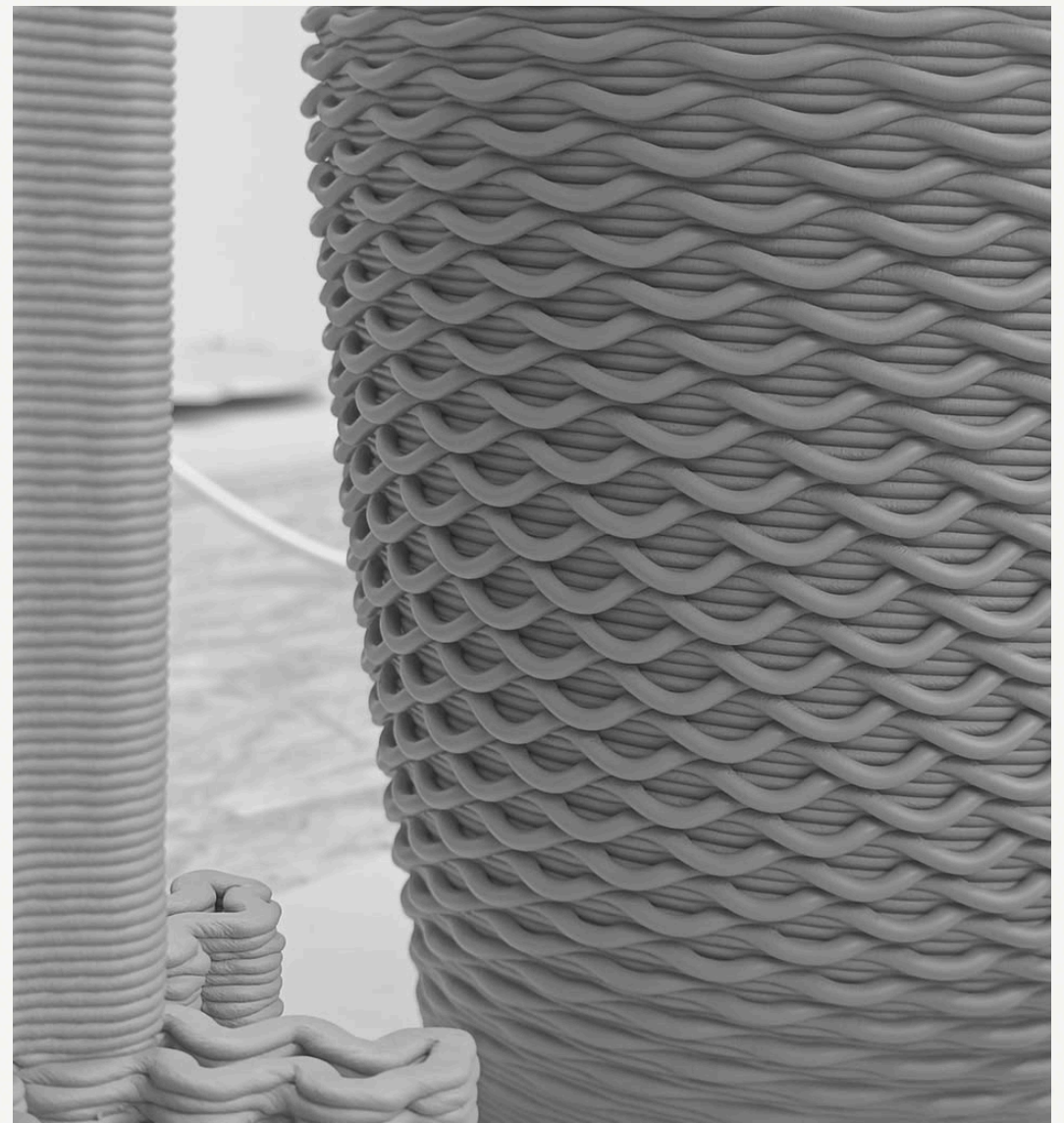
Beyond the Machine: Ecosystems for Next-Gen AM

Francesco De Stefano (Caracol AM)

DAY 2 · PODCAST CLOSING

MAKING WITH MACHINES

A practical closing conversation about what it takes to run a robotic setup in the real world.



14:20 - 15:05

Podcast Panel: Making with Machines

Hosted by Jori van der Kolk. Featuring Stijn van Aardenne, Angelika Bocian-Jaworska, Anika Greyling, Marcel Kerkmans

15:05 - 15:30

Closing Remarks & Event Wrap-up

Transition to City Center

DAY 2 · EVENING

THE KOEPEL GALLERY OPENING

A closing moment outside the conference setting, connecting the talks back to objects, makers, and the public-facing design side of robotic 3D printing.



16:00 - 19:00

3D Print Gallery Opening & Closing Drinks @ The Koepel

- Works by Stijn van Aardenne
- Studio Lilian van Daal
- Huse Design
- IOUS Studio

DAY 3

THE EXCURSION

(OPTIONAL / INVITE-ONLY)



LOCATION

DELFT / AMSTERDAM AREA
(OFF-SITE)

09:00 – 14:00

EXCLUSIVE FACTORY VISITS: CEAD & MX3D

A curated, invite-only half-day excursion taking a select group of attendees behind the doors of two of the world's leading large-format additive manufacturing facilities. Attendees will witness live heavy-duty polymer and metal robotic extrusion at an industrial scale.



CEAD

Large-format polymer robotic extrusion



MX3D

Large-format metal robotic extrusion



SPACES ARE LIMITED.
THIS EXCURSION IS BY INVITATION ONLY.

WHO SHOULD JOIN?

THE PEOPLE BUILDING THE FIELD

For practitioners already working in, around, or directly toward robotic and large-format additive manufacturing.

DESIGN

- Computational designers
- Product and spatial designers
- Studios testing robotic workflows

PRODUCTION

- Machine builders
- Robot operators
- Application specialists

MATERIALS

- Material suppliers
- Recycling and polymer specialists
- Concrete and metal experts

The goal is simple: bring the right people into one practical conversation.



JOIN THE ROOM

Addidex Connect brings together the robotic 3D printing ecosystem for two focused conference days and optional invite-only factory visits.

30 JUNE - 1 JULY 2026

Optional invite-only factory visits on 2 July

3D Makers Zone (3DMZ), Haarlem

Full program and tickets via Addidex Connect

GET YOUR TICKET

ADDIDEX.COM