



AM Forum
Berlin

"Accelerating the adoption of Additive Manufacturing"

March 20 - 21, 2024 | ECC Berlin

User Competence Partners

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ADDITIVE MANUFACTURING
EUROPEAN MANUFACTURING



www.am-forum.de

March 20, 2024

08.00 - 09.00

Check-in, morning coffee | Early bird networking in the exhibition



Estrel Congress Center, Sonnenallee 225, 12057 Berlin

09.00 - 09.25



Opening Session

Opening and networking kick-off



Daniel Wäldchen
Member of the Executive Board, IPM AG

IPM

Intro: Global 3d printing market figures



Matthias Schmidt-Lehr
Managing Partner, Ampower GmbH & Co. KG

AMPOWER

09.25 - 10.15



Panel discussion | Navigating the next frontier

The global battle for 3D printing dominance



Panel Impulse: William B. Czajkowski
Minister-Counselor for Commercial Affairs, U.S. Department of Commerce, U.S. Commercial Service, Embassy of the United States of America



Moderation: Prof. Dr. Christian Seidel
Professor & Head of Smart Manufacturing Lab, Munich University

HM



Jason Gorey
Executive Director, ASTRO America [AM Forward Initiative]

ASTRO
AMERICA



Mehdi Hocine
Head of Unit 'Machinery & Equipment', European Commission



Marie Langer
CEO, EOS GmbH

EOS



Werner Loscheider
Head of Division IVB4 - Construction industry, lightweight construction, new materials, resource efficiency, Federal Ministry of Economic Affairs and Climate Action



Martin Back
CEO, BASF Forward AM



March 20, 2024

10.15 - 10.35



Keynote | Industrial Application & Automation

How Michelin mastered the serial production of 3D printed molds



Olivier Brunagel
R&D Mold Manager, Michelin



Guillaume Seychal
Mold Engineer, Michelin



Julien Marcilly
CEO, AddUp



10.35 - 11.20

Coffee break | Networking in the exhibition



Basketball Challenge supported by EOS

11.20 - 11.40



Keynote | Advanced Materials

New materials and approaches for 3D and 4D printing



Prof. Shlomo Magdassi
Chair, Institute of Chemistry, The Hebrew University of Jerusalem



11.40 - 12.00



Keynote | Industrial Application & Automation

Automated manufacturing with polymer 3d printing @Sauber Motorsports



Marco Gehrig
Head of Mechanical & AM Production, Sauber Motorsports



Dr. Tina Schlingmann
Regional Director EMEA, EOS GmbH



12.00 - 12.20



Keynote | Industrial Application & Automation

Current and future application areas of additive manufacturing at Audi



Dr. Erhard Brandl
Head of 3D-Printing-Centre, Audi AG



March 20, 2024

12.20 - 12.40



Keynote | Industrial Application & Automation

Opportunities and challenges in the adoption of Additive Manufacturing in industrial production



Oliver Hofmann
CEO, Robert Hofmann GmbH

HOFMANN



Dennis Bieber
Solution Engineer, Materialise

materialise

12.00 - 14.00



Room Paris | Inspiring Pitches, Networking & Lunch

Women in AM luncheon | [See here for the details - join us!](#)

Impulse 1



Marie Langer
CEO, EOS GmbH

EOS



Stefanie Brickwede
Managing Director, Mobility goes Additive e.V.

mga
WE ROOST AM

Impulse 2



Naomi Nathan
Head of Medical, Mobility goes Additive e.V.

MEDICAL
mga
WE ROOST AM

12.40 - 13.50

Lunch break | Networking in the exhibition



Basketball Challenge supported by EOS

13.00 - 13.40



Innovation Stage [parallel session]

Tech Pitches

[See here for all speeches!](#)

10min presentations from our exhibitors on innovative new materials, technologies, solutions and business cases

March 20, 2024

13.50 - 14.10



Keynote | Additive Design & Software

Leveraging AM design to gain production efficiency



Job van de Sande
Head of Engineering, ERIKS

ERIKS



Dr. Ole von Seelen
Head of Business Development, trinckle 3D GmbH

trinckle

14.10 - 15.00



Masterclass | Additive Design & Software

Boosting AM with Big Data, Physics-Based Software, Circularity, and Platformization



Moderation: Dr. Stephan Beyer
Co-Founder, nFrontier GmbH

nFrontier

[1] How platformization will disrupt the Additive Manufacturing landscape



Alexander Oster
Director Additive Manufacturing, Autodesk

AUTODESK

[2] Unlocking the power of digital manufacturing with physics-based software tools



David Hartmann
Founder & CEO, Helio Additive

HELIO ADDITIVE

[3] How could circularity inspire design in AM?



Phoebe Blackburn
Communications Facilitation Circular Economy, Phenomenal Words

Joint discussion



Ulli Klenk
Lead Principal AM, Siemens Energy

SIEMENS
energy



Dr. Tim Femmer
Senior Project Manager, Roland Berger

Roland
Berger

15.00 - 15.15

Coffee break | Networking in the exhibition

March 20, 2024

15.15 - 17.15



Room Straßburg | Working Session [parallel session]

Workshop #1 | Mastering AM automation - Strategies for success



Moderation: Sven Krause
SK Consulting

 SK Consulting

Table 1: Data-driven production optimization in additive manufacturing



Mathias Messmer
Data Analytics and Business Intelligence Engineer, EOS GmbH



Table 2: Decoding the levels of AM industrialization – How to use the AM I Navigator tool for your AM strategy



Stefan Mannhardt
Regional Sales Manager Central Europe, DyeMansion GmbH



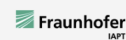
Martin Back
CEO, BASF Forward AM



Table 3: AM data formats for the end-to-end digital thread - enabling closed-loop intelligent manufacturing



Dr. Matthias Brueck
Head of Department Virtualization, Fraunhofer IAPT



15.15 - 17.15



Room Paris | Working Session [parallel session]

Workshop #2 | Hands-on session: Scan, Design, Simulate, Print



Moderation: Ulf Lindhe
Business Innovator and Additive Manufacturing Advisor, ADAXIS



[Stop 1] Scan: 3D scanning for additive manufacturing



Tobias Troegner
Solution Manager | Additive Manufacturing & 3D Printing, druckerfachmann.de



[Stop 2] Design dive: Model your 3d fixture in less than 30 min!



Dr. Ole von Seelen
Head of Business Development, trinckle 3D GmbH



Dr. Damien Buchbinder
Product Management, trinckle 3D GmbH



March 20, 2024

15.15 - 17.15



Room Paris | Working Session [parallel session]

Workshop #2 | Hands-on session: Scan, Design, Simulate, Print

[Stop 3] Simulate: Model and simulate your AM process to print first time right!



Mathieu Pérennou
Director Global Strategy & Business Development Additive Manufacturing,
Hexagon Manufacturing Intelligence



Ralph Bernhardt
Senior Consultant Smart Manufacturing, Hexagon Manufacturing Intelligence



[Stop 4] 3D print: A customized 3D printed part in just a few minutes



Robin Köstlmeier
Product Manager, Rapid Shape GmbH



17.15 - 17.40

Coffee break | Networking in the exhibition

17.40 - 18.10

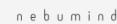


Presentations | Navigating the next frontier

Start-up pitches: The next wave of innovative technologies



Caroline Albert
CEO & Co-Founder, nebumind



Christian Fischer
Managing Director, Headmade Materials



Dr. Jonas Galle
CEO, Valcun



Dr. Arpita Roychoudhury
Innovation Manager, xolo



Moderation: Arno Held
Managing Partner, AM Ventures



March 20, 2024

18.10 - 18.40



Panel discussion | Navigating the next frontier

Unplugged: A conversation with investors and founders

18.40 - 22.00



Martin Feldmann
Co-Founder, VulcanForms Inc.



Arno Held
Managing Partner, AM Ventures



Dr. Stefan Petricovics
CEO, SMG Holding



Evening reception in the exhibition with flying dinner, cocktails, gin, music and after work networking

sponsored by



March 21, 2024

08.00 - 09.00

Check-in, morning coffee | Early bird networking in the exhibition



Estrel Congress Center, Sonnenallee 225, 12057 Berlin

09.00 - 09.10



Opening of day 2 and recap



Sven Krause
SK Consulting



March 21, 2024

09.10 - 09.50



Panel Discussion | Industrial Application & Automation

Unlocking the potential of AM: Strategies for widespread adoption



Dr. Karsten Heuser
VP Additive Manufacturing, Siemens Digital Industries

SIEMENS



Andreas Knoechel
Head of Program Management, OECHSLER AG

OECHSLER



Dr. Alexander Starnecker
CEO, Weisser Spulenkörper GmbH & Co. KG

WEISSER



Thomas Weitlaner
SVP Additive Manufacturing, MT Aerospace AG

MT AEROSPACE
An OIB Company



Moderation: Sven Krause
SK Consulting

SK Consulting

09.50 - 10.10



Keynote | Industrial Application & Automation

Shaping resilience: How AM is mitigating the Energy sector's supply chain risks



Haakon Ellekjaer
Chief Commercial Officer, Pelagus 3D - a thyssenkrupp Wilhelmsen joint venture

PELAGUS:3D



Trine Boyer
Principal R&D Engineer, Vår Energi

vår energi

10.10 - 10.40



Masterclass | Industrial Application & Automation

AM in the area of public service providers



Moderation: Stefanie Brickwede
Managing Director, Mobility goes Additive e.V.

mga
BY BOOST AM

10.10 - 10.20

Application of AM in the railway sector



Henri de Chassey
Spares & Trading / Additive Manufacturing ENG Manager, Wabtec, F

Wabtec
CORPORATION

March 21, 2024

10.10 - 10.40



Masterclass | Industrial Application & Automation

AM in the area of public service providers

10.20 - 10.30

AM – a defense capability enabler



Martin Huber

Project Officer Logistics, European Defence Agency



10.30 - 10.40

Joint discussion

10.40 - 11.10

Coffee break | Networking in the exhibition



Basketball Challenge supported by EOS

11.10 - 11.40



Working Session [parallel session] | Room Strassburg

Deep Dive #1 | How to avoid IP rights infringements and product liability in Additive Manufacturing



Dr. Andreas Leupold

Lawyer, Leupold Legal



11.50 - 12.20



Working Session [parallel session] | Room Strassburg

Deep Dive #2 | Design automation: How algorithm-aided design enables digitized and automated product development and shortens time-to-market



Carsten Putz

Group Leader Data Driven Design, Digital Additive Production DAP, RWTH Aachen



12.30 - 13.00



Working Session [parallel session] | Room Strassburg

Deep Dive #3 with Live Demo | Innovative materials – PA12 ≠ PA12 and the power of open parameters



Fabian Schuster

3DP Application Engineer, HP 3D



March 21, 2024

11.10 - 11.25



Keynote | Industrial Application & Automation

3 case study insights for metal 3D printing in industrial applications



Simon Hoeges

Technology Director in Metal Additive Manufacturing, GKN Additive



Alexandre Tartas

Global Head of Go-To-Market, 3D Metals, HP 3D Printing Solutions



11.25 - 11.40



Keynote | Navigating the Next Frontier

Near-zero emission steel AM powder: An enabler for environmental automotive ambitions



Frederic Tholence

Principal Engineer, Volvo Cars Corporation



Jesper Vang

Head of Powder Technology, SSAB Special Steels



11.40 - 12.35



Masterclass | Navigating the Next Frontier

Applied Science Masterclass: Today's emerging R&D for tomorrow's industrialization



Moderation: Prof. Dr. Ingomar Kelbassa

Executive Director, Fraunhofer IAPT



Prof. Dr. Milan Brandt

Professor of Advanced Manufacturing, RMIT University, Australia



Prof. Dr. Dongdong Gu

Nanjing University of Aeronautics and Astronautics (NCAA)



Tim Biermann

Vice Director, Chair for Laser Technology - RWTH Aachen University



12.35 - 12.50



Keynote | Industrial Application & Automation

Additive manufacturing for precision tool development



Dr. Florian Welzel

CEO, GFE Schmalkalden



Friedemann Lell


CEO, DMG MORI Additive GmbH



March 21, 2024

12.50 - 14.00

Lunch break | Networking in the exhibition

 Basketball Challenge supported by EOS

14.00 - 14.20



Keynote | Industrial Application & Automation

Not disruption, but evolution: Application of AM at BMW



Dr. Maximilian Binder
AM Project Lead – Research & Development, BMW Group



14.20 - 15.00



Masterclass | Advanced Materials

Additive materials and applications in extreme environments



Moderation: Denny Schueppel
Managing Director, Composites United



Moderation: Dr. Olaf Guennewig
Head of Business Development, diondo GmbH



[1] Complex shaping of CMC components via Additive Manufacturing



Fabia Süß
Research Associate, DLR Deutsches Zentrum für Luft- und Raumfahrt e.V.



[2] AM of ceramics and ceramic matrix composites



Gotthard Nauditt
R&D Expert 3D Printing Composites, Schunk Kohlenstofftechnik GmbH



[3] Additive Manufactured CMC for space applications



Dr. Stephan Schmidt-Wimmer
Head of High Temperature Materials, Ariane Group



March 21, 2024

15.00 - 15.40



Panel Discussion | Navigating the Next Frontier

AM industry outlook: What is the next really big thing?



Andreas Langfeld
President EMEA, Stratasys GmbH



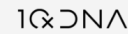
Francois Minec
Global Head of 3D Polymers, HP Personalization and 3D Printing



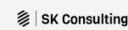
Florian Holzoffer
Director Industry Management, TRUMPF Laser- und Systemtechnik GmbH



Paul Schmidt
Head of Additive Manufacturing Research, 10xDNA Capital Partners



Moderation: Sven Krause
SK Consulting



15:40

Closing address



Daniel Wäldchen
Member of the Executive Board, IPM AG

