

Global Scientific Guild Conference

Program

7th Global Webinar on 3D Printing and Additive Manufacturing April 29-30, 2024

Conference Chairman



Prof. Thomas J Webster
*Founder & CSO, Interstellar Therapeutics and
Audax Medical, USA*

Honorary Chairman



Andrew Allshorn
*Owner - Technical Director at
3D-Squared Ltd, UK*

Co-Chairman



Dr. Andreas Vlahinos
*CTO of Advanced Engineering
Solution, USA*

Co-Chairperson



Prof. Ilaria Cacciotti
*University of Rome Niccolò
Cusano, Italy*

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<https://www.globalscientificguild.com/3dprinting/>

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Day-1

Monday, April 29, 2024

Conference starts at 09:00 AM Eastern Daylight Time or 01:00 PM GMT or 06:30 PM IST

09:00-09:10 Introduction/Opening Ceremony

09:10-09:40



Title: Advancing 3D Printing to the Next Dimension: Introducing 4D Printing

Prof. Dr. Thomas J Webster, Hebei University of Technology, USA

09:40-10:10



Title: Multifunctional graded scaffolds by fused deposition modeling for the cranio-maxillofacial sector

Prof. Ilaria Cacciotti, University of Rome Niccolò Cusano, Italy

10:10-10:40



Title: Conquering the Challenges in Simulating Lattice Structures

Dr. Andreas Vlahinos, CTO of Advanced Engineering Solutions, USA

10:40-11:05



Title: Optimizing the Design of Lattice Structures for Drone Wings

Nicholas Barnych, Designer at Advanced Engineering Solutions, USA

11:05-11:35



Title: 3D Printing Applications that may help you start to "Think outside the cube"

Andrew Allshorn, Owner - Technical Director at 3D-Squared Ltd, UK

11:35-11:45 Break

11:45-12:15



Title: Effects of pre-injury oral anticoagulants use in elderly patients with mild traumatic brain injury: A systematic review and meta-analysis

Dr. Brandon Lucke-Wold, Vice President of the UF House Staff Council, USA

12:15-12:45



Title: Development and Enhancement of Novel Biomedical Implants Utilizing Additive Manufacturing Techniques

Valerio Papa, University of Rome Niccolò Cusano, Italy

12:45-13:10



Title: The Mayo Clinic Engineering Perspective: 3D Printing of Medical Device Prototypes for Benchtop Testing at the Point-of-Care

Amy Alexander, Unit head at Mayo Clinic, USA

13:10-13:35



Title: The nexus of all sciences: What 3D Printing will bring us

Luis Martinez Munoz, CEO at Flamingo Biomechanical Lab, Spain

Day-2

Tuesday, April 30, 2024

Conference starts at 09:00 AM Eastern Time or 01:00 PM GMT or 06:30 PM IST

09:00-09:30



Title: Grain Refinement Techniques in Wire Arc Additive Manufacturing for Large Deposits

Dr. Murali Mohan Cheepu, Research Manager, STARWELDS Inc., South Korea

09:30-09:55



Title: Additive Manufacturing of functionally graded materials

Dr. V Rajkumar, Assistant Professor, Indian Institute of Technology, India

09:55-10:25



Title: 2D Materials: Unlocking the Potential for Additive manufacturing

Joint Presentation by Rajesh Mrithyunjayan, Vice President - 3D Products & Solutions at 3D Monotech and Dr. Bindhu, Professor & Head at Noorul Islam Centre for Higher Education, India

10:25-10:50



Title: Study of composite polymer degradation by finite element modelling and deep learning approach

Kheireddin Kadri, Aptiskills & Da Vinci research center, France

10:50-11:15



Title: Design considerations and strategies for FDM additive manufacturing technology

Dr. Aissa Oubalouch, Professor and R&D Engineer at University of Hassan II Casablanca, Morocco

11:15-11:25

Break

11:25-11:50



Title: Advanced Manufacturing of Cube Sats in the Metaverse Product Development Lifecycle

Janne Heilala, University of Turku, Finland

11:50-12:15



Title: Unlocking Supply Chain Potential: The disruptive Impact of 3D Printing

Mutaz Aletein, Supervisor of CAM and 3Dprinting(AM) at JOddb, Jordan

12:15-12:40



Title: Leap-frogging Manufacturing for Africa: Possible Business Models

Ikechukwu Charles Okoli, Research Associate at The University of Kiel, UK

12:40-13:05



Title: New Techniques, Technologies and Materials for Additive Manufacturing along with the proliferation of AM into mainstream manufacturing. The keys to driving successful adoption

Jim Monroe, Vice President at SpaceFactory, USA

Next Event:

**8th Global Webinar on
3D Printing and Additive Manufacturing
August 28-29, 2024**

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OUR OTHER CONFERENCES

Global Webinar on Pharmaceutics and Drug Delivery Research	June 05-06, 2024
Global Webinar on Renewable and Sustainable Energy	June 12-13, 2024
Global Webinar on Vaccines Research and Development	June 19-20, 2024
4th Edition of Global Webinar on Nanotechnology and Nanoscience	June 26-27, 2024
10th Global Webinar on Applied Science, Engineering and Technology	July 03-04, 2024
12th Global Webinar on Traditional and Integrative Medicine	July 10-11, 2024
11th Global Online Conference on Forensic Science	July 17-18, 2024
10th Global Webinar on Materials Science and Engineering	August 01-02, 2024