

World Congress on  
**3D PRINTING &  
ADDITIVE MANUFACTURING**

08-09 April 2024  
Paris, France



Mark Wood  
**Program Manager | 3D Printing 2024**  
21 Clifton Road, Newcastle Upon Tyne, England | United Kingdom,  
NE4 6XH  
+447426060443  
3dprinting@scholarsevents.org  
<https://scholarsconferences.com/3dprinting/>

# SCIENTIFIC PROGRAM

Day 1 | April 08, 2024 | Hall 1

08:30-09:15 Registrations

09:15-09:30 Opening Ceremony

## Keynote Forum

09:30-10:00 **Title: Investigation of the Three Dimensional Structure across the Red Sea Rift: The Key Role of the Red Sea Rift Process in the Activity in Saudi Arabia and Egypt**

Mohamed Abdelwahed, King Abdulaziz University, KSA

10:00-10:30 **Title: Contrasting Hydrological Regimes in Two Adjoining Semi-Arid Areas, with Low Rain Intensities**

Aaron Yair, Hebrew University, Israel

10:30-11:00 **Title: Innovations in Regenerative Agriculture: Pioneering Solutions for Climate Change Mitigation**

David M Kargbo, Temple University, USA

## Networking and Refreshments Break @11:00-11:20

11:20-11:50 **Title: Usage of Oak-tree (*Quercus ilex*) as Biogeochemical Indicator of Environmental Contamination**

Pablo Higuera, IGeA-UCLM, Spain

11:50-12:20 **Title: Assessing Ecosystem Functionality of a Degraded Land in a Climate Change Scenario**

Juan Antonio Campos, UCLM, Spain

12:20-12:50 **Title: 3D Printing Optimization: How to Apply Multidisciplinary Approach through Optimization of the Process?**

Hamid Reza Vanaei, Léonard de Vinci (DVRC) - Arts et Métiers (ENSAM), France

## Group Photo

Lunch Break: 12:50-13:40

## Speaker Session:

Session Chair: David M Kargbo, Temple University, USA

13:40-14:00 **Title: Thermoset Materials, a New Material Class For SLS 3d-Printing Advantages and Use Cases**

Thomas Wagner, TIGER Coatings GmbH & Co.KG, Austria

14:00-14:20 **Title: Metal 3D Printing in Impeller Manufacturing**

Mohamad Tarek Ibrahim Amin Farag, Sierra Engineering & Manufacturing, Egypt

14:20-14:40 **Title: Defect-correlated Very High Cycle Fatigue Performances of Additively Manufactured Titanium and Nickel Alloys**

Qingyuan Wang, Chengdu University, China

14:40-15:10 **Title: Considerations Regarding a Climate Change, Food Security, Trusability Nexus for Assuring the Food Security in the Agriculture Field**

Bratucu David-Iustin, Andrei Saguna National College, Romania

Bianca Tescasiu, Andrei Saguna National College, Romania

15:10-15:25 **Title: Study on the Effect of Personal Behavioral Characteristics on the Air Pollution Levels in Brasov, Romania**

Calin Dancu, Andrei Saguna National College, Romania

**Title: A Revolutionary Filter for Bovine Emissions**  
15:25-15:55 **Aldea Dragos Andrei**, Andrei Saguna National College, Romania  
**Sindie Mihai**, Andrei Saguna National College, Romania

**Networking and Refreshments Break @15:55-16:15**

**Title: Applications of MRFs in the Removal of Apace Debris**  
16:15-16:35 **Stancescu Victor-Gabriel**, Andrei Saguna National College, Romania  
**Ana Stancioiu**, Andrei Saguna National College, Romania

**Title: Implementation of Space Waste Management Procedures on Earth**  
16:35-17:05 **Ema Neagoe**, Andrei Saguna National College, Romania  
**Padurariu Tudor Andrei**, Andrei Saguna National College, Romania

**Poster Presentations @ 17:05-17:30**

**P0101 Title: Investigation of Density-Stiffness Scaling Laws in Glass Sponge Structures Fabricated by 3D Printing Method**  
**Hassan Beigi Rizi**, CNRS, France

**Panel Discussions & B2B Meetings**  
**Day 01 End | Closing Ceremony**

**Day 2 | April 09, 2024 | Virtual | GMT +1**

**09:05-09:15 : Introduction**

**Keynote Forum**

**09:30-10:00 Title: The Amazon Near a Tipping Point. The Urgent Need of Nature-Based Solutions**  
**Carlos A Nobre**, University of Sao Paulo, Brazil

**10:00-10:30 Title: Selected properties of degraded anthropogenic soil fertilized with a mixture of coal mining waste and sewage sludge**

**Grazyna Zukowska**, University of Life Sciences in Lublin, Poland

**10:30-11:10 Title: Institutional Biomass Gasification Cookstoves Provide Undervalued Global Health, Climate, and Carbon-Offset Opportunities for Globally Underserved Communities**

**Kevin Adair**, Fuego del Sol, USA

**11:10-11:40 Title: Focusing on: Rural Socioeconomic Revitalization Stimulation via a Renewable Bio-based Castor Economy**

**Jesse Ilan Wainer**, Rainforest Reliance Inc., USA

**Sayda Chantal**, Rainforest Reliance Inc., USA

**Refreshments Break @ 11:40-11:50**

**Speaker Session**

**11:50-12:10 Title: The impact of reclamation on the enzymatic activity of soil degraded by open-pit mining**  
**Magdalena Myszura-Dymek**, University of Life Sciences in Lublin, Poland

**12:10-12:30 Title: Investigation of Pharmacy Drug Sales to Determine the Effects of Heat Waves on Chronic Diseases in Istanbul**

**Yunus OZTURK**, Turkish Education Ministry, Turkey

**12:30-12:50 Title: Addressing the Challenges of Climate Forecasting Amidst Climate Change: Insights from Mexico and LATAM**

**Octavio Farias**, NWS\_Mexico/UNAM/IPN, Mexico

**12:50-13:10 Title: Simulation of Ground Water Lake Interaction along Kahal Lake, Haripur area, Khyber Pakhtunkhwa Pakistan**

**Adnan Sami**, University of Haripur, Pakistan

**Refreshments Break @ 13:10-13:30**

**13:30-13:50 Title: SPACEWHALE: Using satellite imagery to survey whales in remote areas and thus to enhance conservation efforts**

**Julika Voss**, BioConsult SH, Germany

**E-Poster Session**

- P0102-  
13:50-14:00** **Title: Geoscientific Agility: The use of SCRUM Methodology for Elaborating Geosciences Software Solution**  
**Douglas de Castro**, Universidade Estadual de Campinas, Brazil
- P0103-  
14:00-14:10** **Title: Application of 3D Modeling to Highlight Karstic Cavities in the Thies Forest in Support of Planning Soil Consolidation Work by Grout Injection on Cement Works: Perspectives on The Influence of Climatic Factors**  
**Mouhamed Gueye**, Miniere Osisko, Canada
- P0104-  
14:10-14:20** **Title: Study of the Improvement of Soils Treated with Ecological Stabilizers: The Example of Earthbind and Top Seal White**  
**Chaimae Karbal**, USA
- P0105-  
14:20-14:30** **Title: "Knowledge gaps in adaptation planning in the Paraná Delta": Collaboration National University of Rosario - Nairobi Work Program of the United Nations Framework**  
**Nadia Itzel Castillo Perez**, Universidad Veracruzana, Mexico

**Panel Discussions & B2B Meetings**

**Day 02 End | Closing Ceremony**

---

## UPCOMING CONFERENCES

---

World Congress on **3D Printing & Additive Manufacturing**

March 19-20, 2025 | Amsterdam, Netherlands

[3dprinting@scholarevents.org](mailto:3dprinting@scholarevents.org)

<https://scholarsconferences.com/3dprinting/>

---

2nd Edition World Congress on **Material Science and Nanotechnology**

March 19-20, 2025 | Amsterdam, Netherlands

[advancedmaterials@scmeetings.org](mailto:advancedmaterials@scmeetings.org)

<https://materialssciencemeet.com/Wor>

---

World Congress on **Earth Science and Climate Change**

March 24-25, 2025 | Barcelona, Spain

[earthscience@frontiersevents.com](mailto:earthscience@frontiersevents.com)

<https://earthscience-climatechange.scholarsconferences.com/>

---

Global Summit on **Recycling and Waste Management**

March 24-25, 2025 | Barcelona, Spain

[recycling.scholarevents.org](mailto:recycling.scholarevents.org)

<https://scholarsconferences.com/recycling/>