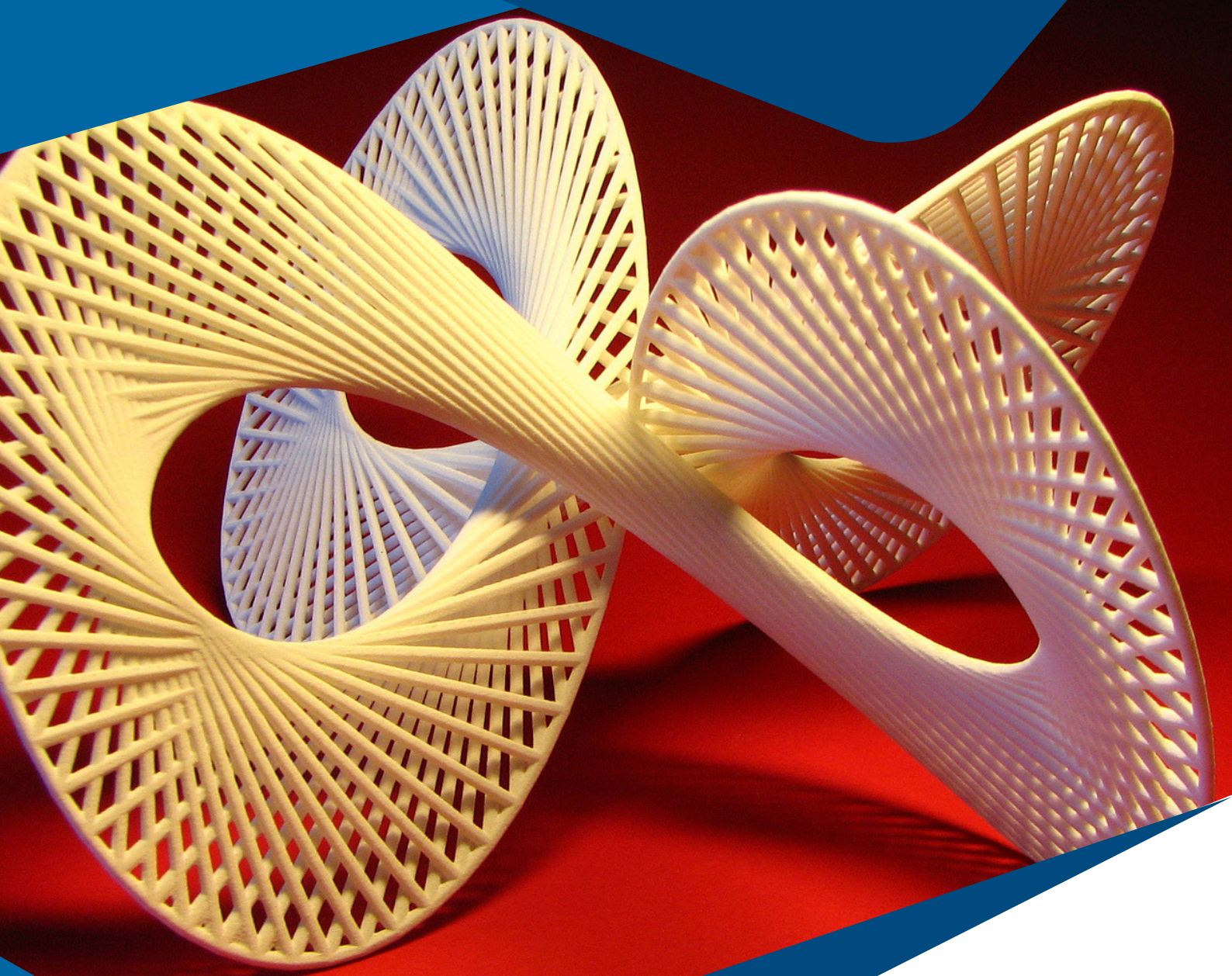
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International Conference on

3D Printing and Additive Manufacturing

November 23-24, 2020 | Dubai, UAE

3D Printing 2020

Dear Colleagues

Conference Series LLC Ltd proudly announces the **3D Printing and Additive Manufacturing** scheduled during **November 23-24, 2020** in **Dubai, UAE**. The conference emphasizes the theme "**From Your Imagination to a 3D Model**".

The term "3D printing" is progressively utilized as an equivalent word for Additive Manufacturing. It transforms digital 3D models into strong solid by structure them up in layers. The innovation was first invented during the 1980s, and since that time has been utilized for rapid prototyping (RP). 3D Printing has been applied in engineering and healthcare since the beginning of 20th century. For the manufacturing of custom prosthetics and dental inserts, it was first utilized and after that on wards the medicinal applications for 3D printing has advanced essentially. 3D printing is the path towards making cell structures in a limited space using 3D printing innovation, where cell limit and suitability are spared inside the printed construct. 3D printing adds to huge advances in the medical field of tissue engineering by allowing for research to be done on innovative materials called biomaterials.. Thus this International Conference on 3D Printing and Additive Manufacturing will be focusing on all aspects for improving manufacturing industry.

Conference Highlights :

- Digital Light Processing (DLP) 3d printing
- Impact of 3D printing on manufacturing industry
- 3D printing materials
- 3D printing in space and aerospace
- Polymers in 3d printing
- Innovations in 3D printing
- 3D printing in biomaterials
- Applications in health care & medicine
- 3D printing in automotive industry
- Additive manufacturing and 3d robotics



Day-1	
Registration	08:00-09:00
Session Introduction	09:00-09:15
Keynote/ Plenary Sessions	
Plenary/Keynote-1 (Academia)	09:15-09:45
Plenary/Keynote-2 (Industry)	09:45-10:15
Plenary/Keynote-3	10:15-10:45
Coffee Break & Networking	10:45-11:00
Plenary/Keynote-4 (Academia)	11:00-11:30
Oral Presentations	
Speaker 1	11:30-11-:50
Speaker 2	11:50-12:10
Speaker 3	12:10-12:30
Speaker 4 (Industry presentation)	12:30-12:50
Panel Discussion/ QA Session	12:50-13:10
Lunch Break & Networking	13:10-14:00
Post Lunch Session Introduction & Group Photograph	14:00-14:10
Post Lunch Oral Presentations	
Speaker 5	14:10-14:30
Speaker 6 (Industry Presentation)	14:30-14:50
Speaker 7 (Solution Providers Presentation X2)	14:50-15:10
Speaker 8	15:10-15:30
Panel Discussion/ QA Session	15:30-15:45
Video Sessions / e-Poster	
Video Presentation 1	15:45-15:55
Video Presentation 2	15:55-16:05
Coffee Break & Networking	16:05-16:30
Workshop/ Special Session	16:30-17:00
3D Printing	

3D Printing 2020

About Dubai

Dubai is the most crowded and the biggest city in the United Arab Emirates (UAE). It is arranged on the southeast bank of the Persian Gulf and is the capital of the Emirate of Dubai, one of the seven emirates that make up the nation. The city of Dubai is arranged on the emirate's northern coastline and heads the Dubai-Sharjah-Ajman metropolitan region. The emirate of Dubai gives edges to Abu Dhabi in the south, Sharjah in the upper east, and the Sultanate of Oman in the southeast.

Dubai Attractions



Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

UK: Conference Series llc LTD

47 Churchfield Road

London, W3 6AY, Tel: +44-0-800-014-8923

DAY-1

March 25, 2019

Meeting Hall: **Appia 1+2**

08:30-09:00 Registrations

Opening Ceremony 09:00-09:25

KEYNOTE FORUM

09:25-09:30 **Introduction**

09:30-10:10 **Title: Advanced knee implants for the third millenium**
Miroslav Piska and Katrin Buckova, Brno University of Technology, Czech Republic

10:10-10:50 **Title: Stereolithographic additive manufacturing of ceramic components**
Soshu Kirihara, Osaka University, Japan

GROUP PHOTO

Networking & Refreshments 10:50-11:05 @ Foyer

11:05-11:45 **Title: Integrated analysis and quality control of laser-based additive manufacturing processes**
José L Ocaña, UPM Laser Centre - Polytechnic University of Madrid, Spain

Sessions: Advances in 3D Printing & Additive Manufacturing Technology | Innovations in 3D Printing | Design for 3D Printing | 3D Printing Materials | Benefits of 3D Printing and Technology | Future Technology in 3D Printing | Challenges in 3D Printing | 3D printing in Biomaterials | Clinical applications of 3D Printing Innovations | Applications of 3D Printing in healthcare & medicine | Nano 3D Printing

Chair: José L Ocaña, UPM Laser Centre - Polytechnic University of Madrid, Spain
Co-Chair: Miroslav Piska, Brno University of Technology, Czech Republic

INTRODUCTION

11:45-12:15 **Title: Development of Al alloys for additive manufacturing**
Srdjan Milenkovic, IMDEA Materials Institute, Spain

12:15-12:45 **Title: A 3D-printed automated sample storage unit for sporadic sampling in innaccessible aquatic environment**
A Errachid, UMR 5280-Institut des Sciences Analytiques, CNRS, Université de Lyon, France

12:45-13:15 **Title: Additive manufacturing in the manufacturing industry – use, developments, & potentials**
Martin Hannibal, University of Southern Denmark, Denmark

Lunch Break 13:15-14:00 @ Hotel Restaurants

14:00-14:30 **Title: Virtual modeling, stereolithography, and intraoperative CT guidance for the optimization of sagittal synostosis reconstruction**
Andrew J Kobets, Children's Hospital at Montefiore, USA

14:30-15:00 **Title: The methodology of selective laser melting process development**
Konrad Gruber, Wrocław University of Science & Technology, Poland

15:00-15:30 **Title: Additive manufacturing of porous structures for medical applications**
Patrycja Szymczyk, Wrocław University of Science & Technology, Poland

15:30-16:00 **Title: Corrosion behavior of metallic alloys obtained by additive manufacturing**
Marina Cabrini, University of Bergamo, Italy

Networking & Refreshments 16:00-16:15 @ Foyer

16:15-16:45 **Title: Multifuncional materials and additive manufacturing for healthcare**
Teresa Russo, Institute of Polymers, Composites and Biomaterials - CNR, Italy

16:45-17:15 **Title: The use of 3D models in the pre-operative evaluation of the treatment of the foot congenital flat foot**
Maredi E, University of Bologna, Italy

Panel Discussion

DAY-2

March 26, 2019
Meeting Hall: **Appia 1+2**

KEYNOTE FORUM

10:00-10:40 **Title: Additive manufacturing for health care & soft robotic applications using silicone elastomers**
Jean-Marc Frances, Elkem Silicones, France

10:40-11:20 **Title: Strategic developments and future prospects of metal additive manufacturing**
Lombardi Mariangela, Politecnico di Torino, Italy

Networking & Refreshments 11:20-11:35 @ Foyer

POSTER PRESENTATIONS 11:35 – 12:00 @ FOYER

Poster Judge: Lombardi Mariangela, Politecnico di Torino, Italy

Sessions: 3D Printing Industries | 3D Image Processing and Visualization | 3D printing technology and innovations | Metal 3D Printing | Polymers in 3d printing | 3D Bio printing | Lasers in 3D Printing in Manufacturing Industry | 3D Printing of Supply Chain Management | Tissue and Organ Printing | 3D Printing Technology Impact on Manufacturing Industry

Chair: Miroslav Piska, Brno University of Technology, Czech Republic
Co-Chair: José L Ocaña, UPM Laser Centre - Polytechnic University of Madrid, Spain

INTRODUCTION

12:00-12:30
Title: Selective laser melting of aluminum matrix composites with ceramic fillers
Arnautov A, NUST "MISiS", Russia

12:30-13:00
Title: Use of additive manufacturing technology for fabrication of lattice structures via SLS method in "Alumide"
Krzysztof Kanawka, Blue Dot Solutions, Poland

Lunch Break 13:00 -14:00 @ Hotel Restaurants

14:00-14:30
Title: 3D printed porous bioscaffolds based on cellulose nanocrystals
Sahar Sultan, Stockholm University, Sweden

14:30- 15:00
Title: Reliability design of mechanical systems subject to repetitive stresses
Seong-Woo Woo, Reliability Association of Korea, South Korea

VIDEO PRESENTATION

15:00-15:30
Title: 4D printers: integration of multi-material additive manufacturing with intelligent heads to predict the fourth dimension
Farhang Momeni, University of Michigan-Ann Arbor, USA

Networking & Refreshments 15:30-15:45 @ Foyer

PANEL DISCUSSION

Awards & Closing Ceremony

Bookmark your Dates

5th International Conference on

3D Printing Technology and Innovations

March 16-17, 2020 Berlin, Germany

E: 3dprinting@engineeringspeakerexperts.org
Website: 3dprinting.insightconferences.com