Tentative Program

2ND INTERNATIONAL CONFERENCE ON

3D PRINTING TECHNOLOGY AND INNOVATIONS

MARCH 19-20, 2018 LONDON, UK

Theme: "Exploring New Technologies and Innovations in 3D Printing"



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

3dprinting@conferenceseries.net

Program at A Glance

	Day 1		
Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40	3D Printing Technology & Market, Challenges in 3D Printing	
Evening Sessions			
	Lunch Break 12.40-13.30		
	13.30-15.30	3D Printing in Medicine , 3D Printing in Bio Materials	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	3D Printing technology impact on manufacturing industry	

	Day 2		
Morning Sessions	Time	Session 1	Session 2
	09.00-10.40	Keynote Forum	3D Printing supply chain management
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	3D Printing Materials, 3D Printing industries	3D Printing for liver tissue engineering
Evening Sessions	Lunch Break 12.35-13.25		
	13.25-15.05	Clinical applications of 3D Printing in	Innovations in 3D Printing
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	llenge of 3D Printing in Radiation oncol	Benefits of 3D Printing and Technology
	Awards & Closing Ceremony		

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

Glimpses of 3D printing Conferences

























Glimpses of 3D printing Conferences

























Renowned Speakers @ 3D Printing Technology & Innovations 2018

3D printing as a practical pharmaceutical manufacturing method
Clive Roberts, UK
Blending patient-specific instruments with surgical navigation
Randy E Ellis, Canada
Structural and functional aspects of additive manufacturing applications
Edward Chlebus, Poland
The GeSiM BioScaffolder 3.1 – A 3D bioprinter not only for bioprinting
Frank-Ulrich Gast, Germany
Integrated structural health monitoring by 3D printed metallic structures
Lincy Pyl, Belgium
Oxygen concentration and conversion distributions in a layer-by-layer UV-cured film used as a simplified model of a 3D UV inkjet printing system
Kentaro Takiame, Japan
Full multi-axis motion control of a tool tip for metal 3D printing
Haeseong Jee, South Korea
Materials development using additive manufacturing technologies
Tomasz Kurzynowski, Poland
Mandibular reconstrucions using 3D technologies
Kamila Kołodziejczyk, Poland
Design and fabrication of a porous cast using additive manufacturing
Keun Park, South Korea
3D-printing technology for physical simulation of petal-type space mirror deployment.
V. I. Bujakas, Russia
Development of economic DLP and resin based 3D printing system for micro fabrication of fine resolution
Shweta Thapa, USA
Process chain for fabrication of external maxillofacial prosthesis using additive manufacturing
Nneile Nkholise, South Africa
Evolution of 3D printing in manufacturing industries
Abdul Haseeb, Pakistan
Metasurfaces with graphene lattice fabricated by direct laser writing
Artem Sinelnik, Russia
Comparison of different additive manufacturing and traditional technologies-Assessing lead time and total production cost
Charisios Achillas, Greece
Multi-station multi-axis hybrid layered manufacturing system
Karunakaran, India
3D printing of drug delivery systems by laser sintering
Gean V Salmoria, Brazil
3D printed smart sensors for biomedical applications
Grissel Rodríguez-Roldán, Mexico
Re-programmable sequential folding/unfolding in 3D printed structures
Wei Min Huang, Singapore
Cardiovascular tissue engineering using 3D printing technology
Narutoshi Hibino, USA
Mandibular reconstrucions using 3D technologies
Katarzyna Kowalska, Poland

3D imaging combined with 3D printed navigation stent in implant and reconstructive dentistry
Michael Perez Davidi, Israel
A recycling revolution: 3D printing in a circular economy
Michael Peter Down, UK
Industrial applications of additive manufacturing and 3D printing technology: A review from South Africa perspective
Micheal O Alabi, South Africa
Progress towards metal additive manufacturing standardization
Mohsen Seifi, USA
3D printing: An anticipatory ethical analysis of future developments
Richard L Wilson, USA
3YOURMIND: Innovating solutions summary
Stephan Kühr, Germany
Innovations in 3-D printing: A review
Sushant Negi, India
3D printing for continuous fiber reinforced thermoplastic composites
Xiaoyong Tian, China

Major Scientific Sessions

- Advances in 3D Printing & Additive Manufacturing Technology
- Benefits of 3D Printing and Technology
- Applications of 3D Printing in healthcare & medicine
- Clinical applications of 3D Printing in Orthopaedics and Traumatology
- Innovations in 3D Printing
- 3D Printing Technology Impact on Manufacturing Industry
- Tissue and Organ printing
- 3D Printing & Beyond: 4D Printing
- 3D printing in Biomaterials
- 3D Printing Materials
- Polymers in 3d printing
- 3D Image Processing and Visualization
- 3D Printing of Supply Chain Management
- Metal 3D Printing
- 3D Printing Industries
- 3D Bio printing
- Design for 3D Printing
- Future Technology in 3D Printing
- 3D Printing for Liver Tissue Engineering
- 3D Printing Technology & Market
- Lasers in 3D Printing in Manufacturing Industry
- Challenges in 3D Printing
- Challenge of 3D printing in Radiation oncology

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
3dprinting@conferenceseries.net

Conference Venue

London, UK

Contact us
America: Conference Series LLC
3D Printing 2018
Conference Series - America
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Scientific Program

International Conference on

3D PRINTING TECHNOLOGY AND INNOVATIONS

July 05-06, 2017 | Frankfurt, Germany



Conference Series - America
One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA,
P: +1-702-508-5200, F: +1-650-618-1417

Conference Series - UK
Kemp House, 152 City Road, London EC1V 2NX
Toll Free: +1-800-216-6499

Day 1 | July 05, 2017

08:30-09:30 Registrations

Odenwald

conferenceseries.com **09:30-09:55** **Opening Ceremony**

Keynote Forum

09:55-10:00 **Introduction**

10:00-10:40 **Title: 3D printing as a practical pharmaceutical manufacturing method**
Clive Roberts, University of Nottingham, UK

Networking & Refreshment Break 10:40-11:00 @ Foyer

11:00-11:40 **Title: Blending patient-specific instruments with surgical navigation**
Randy E Ellis, Queen's University, Canada

11:40-12:20 **Title: Additive Manufacturing of Medical Products**
Bogdan Dybała, Wroclaw University of Science and Technology, Poland

Group Photo

Sessions:
3D Printing: Additive Manufacturing Technology & Market | 3D Design | 3D Bioprinting | 3D Printing in Medicine | 3D Biomaterials | Supply Chain Management | 3D Printing Industries | 3D Printing in Orthopaedics and Traumatology

Session Chair: Clive Roberts, University of Nottingham, UK

Session Introduction

12:20-12:50 **Title: The GeSiM BioScaffolder 3.1 – A 3D bioprinter not only for bioprinting**
Frank-Ulrich Gast, GeSiM mbH, Germany

12:50-13:20 **Title: Integrated structural health monitoring by 3D printed metallic structures**
Lincy Pyl, Vrije Universiteit Brussel, Belgium

Lunch Break 13:20-14:10 @ Gaumenfreund Resturant

14:10-14:40 **Title: Oxygen concentration and conversion distributions in a layer-by-layer UV-cured film used as a simplified model of a 3D UV inkjet printing system**
Kentaro Takiame, Kanazawa University, Japan

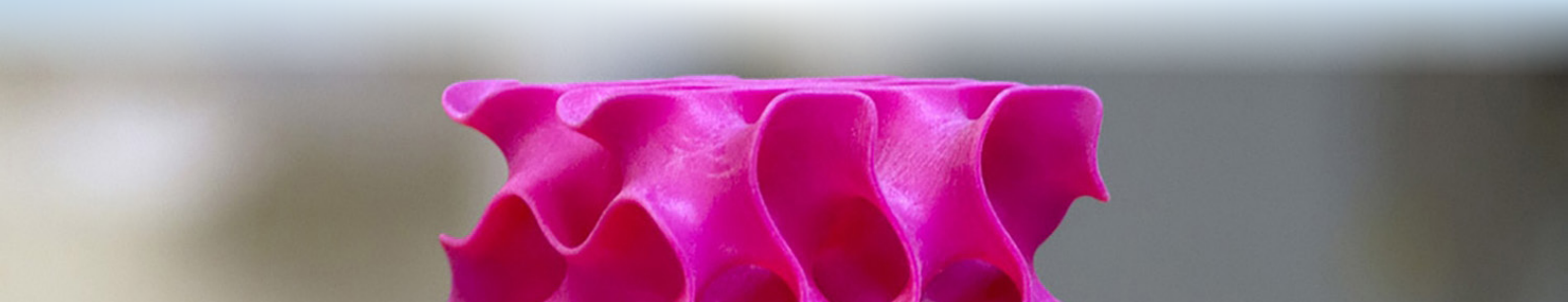
14:40-15:10 **Title: Full multi-axis motion control of a tool tip for metal 3D printing**
Haeseong Jee, Hongik University, South Korea

15:10-15:40 **Title: Materials development using additive manufacturing technologies**
Tomasz Kurzynowski, Wrocław University of Science & Technology, Poland

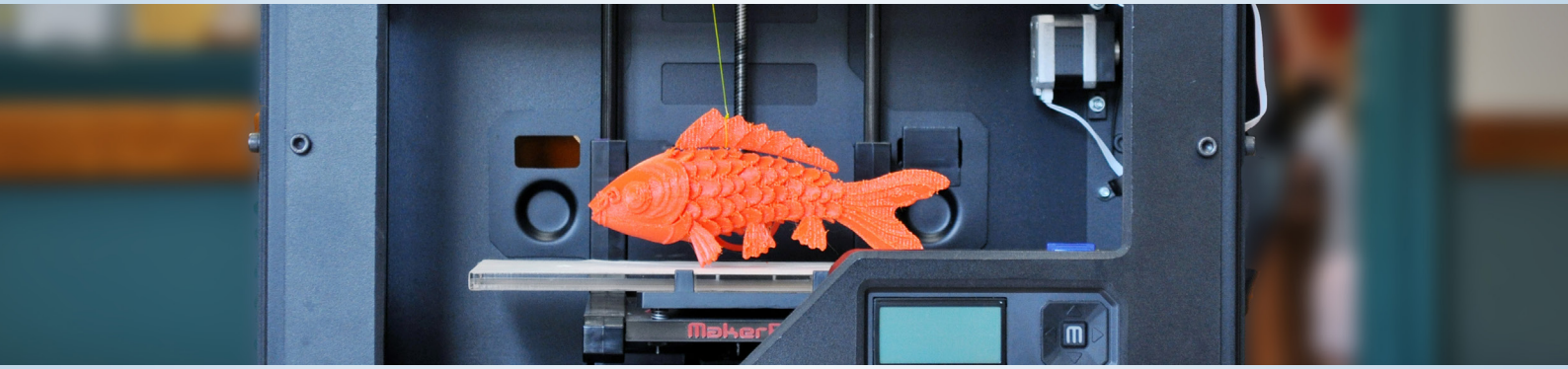
15:40-16:10 **Title: Mandibular reconstrucions using 3D technologies**
Kamila Kołodziejczyk, Wroclaw Medical University, Poland

Panel Discussion

Networking & Refreshment Break 16:10-16:30 @ Foyer



Day 2 | July 06, 2017	
Odenwald	
Sessions: **3D Printing: Innovations | Polymers in 3D Printing | 3D Materials | 3D Organ Printing | Radiation oncology Future Technology | Impact on Manufacturing Industry**	
Session Chair: Randy E Ellis, Queen's University, Canada	
	Session Introduction
10:00-10:30	**Title: Design and fabrication of a porous cast using additive manufacturing** **Keun Park,** Seoul National University of Science and Technology, South Korea
10:30-11:00	**Title: Material development for Rapid Prototyping for futur medical application** **Wolfdietrich Meyer,** Fraunhofer Institute for Applied Polymer Research, Germany
	Panel Discussion
	Networking & Refreshment Break 11:00-11:20 @ Foyer
11:20-11:50	**Title: 3D-printing technology for physical simulation of petal-type space mirror deployment** **V. I. Bujakas,** P. N. Lebedev Physical Institute of Russian Academy of Science, Russia
	Young Researchers Forum
11:50-12:20	**Title: Development of economic DLP and resin based 3D printing system for micro fabrication of fine resolution** **Shweta Thapa,** Rutgers School of Mechanical & Aerospace Engineering, USA
12:20-12:50	**Title: Process chain for fabrication of external maxillofacial prosthesis using additive manufacturing** **Nneile Nkholise,** Central University of Technology, South Africa
12:50-13:20	**Title: Cardiovascular tissue engineering using 3D printing technology** **Narutoshi Hibino,** The Johns Hopkins Hospital, USA
	Lunch Break 13:20-14:10@ Gaumenfreund Resturant
14:10-14:40	**Title: Progress towards metal additive manufacturing standardization** **Mohsen Seifi,** ASTM International, USA
14:40-15:10	**Title: 3D printing of drug delivery systems by laser sintering** **Gean V Salmoria,** Federal University of Santa Catarina, Brazil
15:10-15:40	**Title: Re-programmable sequential folding/unfolding in 3D printed structures** **Wei Min Huang,** Nanyang Technological University, Singapore
	Panel Discussion
	Closing Ceremony
	Networking & Coffee 15:40-16:00 @ Foyer



Bookmark your dates

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March 19-20, 2018 London, UK