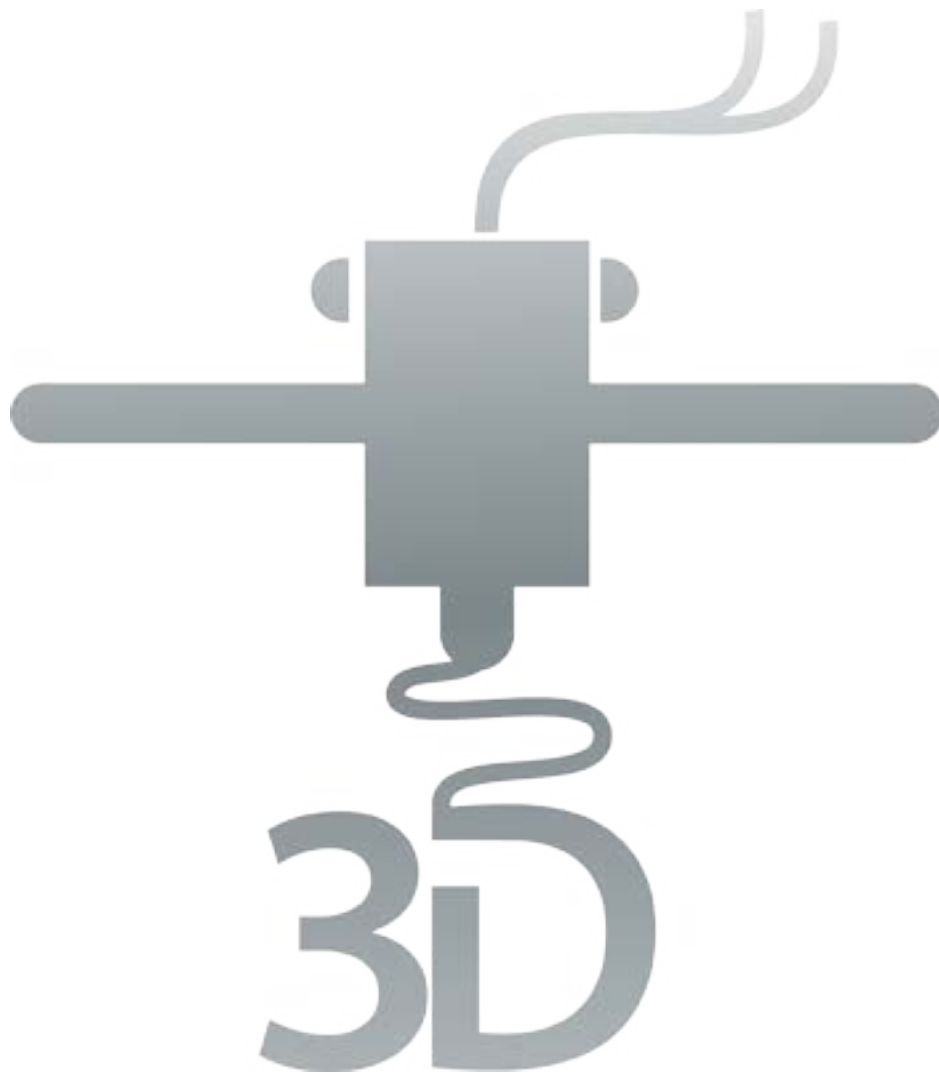


# 3D Printing Conference Innovation, Modelling, Application & Implementation

October 05-06, 2017  
Las Vegas, USA



## AGENDA

October 05, 2017

09:00-09:45 Registrations & Souvenir Distribution

FIJI HALL

09:45-10:00

### Opening Ceremony & Introduction

#### Keynote Forum

10.00-10:40

Title: Biofabrication of tissues for biomedical applications

**James B Hoying**, Advanced Solutions Life Sciences, USA

10:40-11:20

Title: 3D laser printing of implantable drug delivery for cancer treatment

**Gean Vitor Salmoria**, Federal University of Santa Catarina, Brazil

**Coffee & Networking 11:20-11:40 @ Foyer Event Center**

### SPEAKER FORUM

Major Sessions:

3D printing Innovations and Technical Applications | Medical printing Applications and Challenges | 3D printers' development and Marketing Strategies



**Chair: Peter Olejnik**, National Institute of Cardiovascular Diseases, Slovakia



**Co-chair: Toshihiro Mashiko**, Jichi Medical University, Japan

### Session Introduction

- 11:40-12:10 **Title: 3D printed heart models in paediatric cardiology**  
**Peter Olejnik**, National Institute of Cardiovascular Diseases, Slovakia
- 12:10-12:40 **Title: Neurosurgical simulations using 3D models with soft blood vessels**  
**Toshihiro Mashiko**, Jichi Medical University, Japan
- 12:40-13:10 **Title: FDM print parameter optimization to improve PLA parts mechanical properties**  
**Noha Peter**, University of Florida, USA

### Lunch 13:10-13:50 @ Bora Bora

- 13:50-14:20 **Title: Evaluation of compressive and flexural properties of a fiber reinforced additive manufacturing technology as a design input for a novel foot-ankle device.**  
**Miguel Araya-Calvo**, Instituto Tecnológico de Costa Rica, Costa Rica
- 14:20-14:50 **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
- 14:50-15:20 **Title: How the budding enterprises in medical service industry can plan for the entry into new evolving 3d print**  
**Anwar Shariff**, Spectra Labs co, Australia
- 15:20-15:50 **Title: Emotional Marketing for advanced 3D printing Technologies**  
**Rahul Anand**, The Ideas Maker, USA

**Panel Discussion 15:50-16:00**

**Coffee & Posters 16:00-16:30 @ Foyer Event Center**

- P0 1 **Title: Environmental behaviour of Ti-6Al-4V alloy obtained by additive manufacturing technology**  
**A Leon**, Ben-Gurion University, Israel
- P0 2 **Title: Evaluation of compressive and flexural properties of a fiber reinforced additive manufacturing technology as a design input for a novel foot-ankle device.**  
**Miguel Araya-Calvo**, Instituto Tecnológico de Costa Rica, Costa Rica

**October 06, 2017**

**FIJI HALL**

**Video Presentations 10:00-12:00**

- V 01 **Title: Digital scanning and 3D printing: The future is NOW for dentistry**  
**Perry E Jones**, Virginia Commonwealth University, USA

**Coffee & Networking 10:50-11:10 @ Foyer Event Center**

- V 02 **Title: Femto-second laser lithography of 2D and 3D nanostructures**  
**Shobha Shukla**, IIT Bombay, India
- V 03 **Title: 3D digital colposcopy**  
**Coppolillo Paez Enrique Fernando**, University in Buenos Aires, Argentina
- V 04 **Title: Wall clock design made with recycled materials**  
**Tatjana Burzanovic**, University of Donja Gorica, Montenegro

**Networking 12:00-13:00**

**Conference Adjournment 13:00-13:10**

**Lunch 13:10-13:50 @ Bora Bora**

