

# 3DHEALS2020

## 3DHEALS2020 Prelim Agenda

Fri, Jun 05, 2020

8:00am

### Healthcare 3D Printing + Biofab World Reports

🕒 8:00am - 9:00am, Jun 5

📍 Virtual Hall A

Biofabrication/Bioprinting

Dental 3D Printing

JoinTheTribe

Medical 3D Printing

4 Subsessions

- **How 3D bioprinting technology benefit to Medicine**

🕒 8:00am - 8:00am, Jun 5

- **Advanced Medical 3D Printing Applications and Future Trends**

🕒 8:00am - 8:00am, Jun 5

- **How 3D Printing, Layer by Layer, deposited its mark in Medicine**

🕒 8:00am - 8:00am, Jun 5

- **Moderated Session**

🕒 8:45am - 9:00am, Jun 5

📍 Virtual Hall A

9:00am

### 3D Printing in CMF

🕒 9:00am - 10:00am, Jun 5

📍 Virtual Hall A

Medical 3D Printing

4 Subsessions

- **How 3D Printing and Virtual Surgical Planning is saving costs in surgery**

🕒 9:00am - 9:00am, Jun 5

- **Medical 3D Printing in the Hospital Setting**

🕒 9:00am - 9:00am, Jun 5

- **Opportunities and challenges - a Hungarian and Central European perspective**

🕒 9:00am - 9:00am, Jun 5

- **Biological design of custom implants**

🕒 9:00am - 9:00am, Jun 5

### Allevi Applications: Strategies for bioprinting vascularization

🕒 9:00am - 10:00am, Jun 5

📍 Virtual Hall B

Biofabrication/Bioprinting

Workshops

10:00am

### Material Science in Healthcare 3D Printing

🕒 10:00am - 11:00am, Jun 5

📍 Virtual Hall A

Biofabrication/Bioprinting

Dental 3D Printing

Material Science

Medical 3D Printing

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#### 4 Subsessions

- **Bioresorbable Materials for 3D printing Medical Implants**

🕒 10:00am - 10:00am, Jun 5

📍 Virtual Hall A

- **Startup adaptability: Pivoting from building 3D printers to becoming a Covid swab factory in a matter of weeks**

🕒 10:00am - 10:00am, Jun 5

- **Henkel's approach to Biocompatible UV Photo Materials.**

🕒 10:00am - 10:00am, Jun 5

📍 Virtual Hall A

- **Developing a Materials Science Production Workflow for 3D Printed Medical Devices**

🕒 10:10am - 10:20am, Jun 5

11:00am

### **Keynote 1 - Reimagining Healthcare With 3D Printing**

🕒 11:00am - 11:30am, Jun 5

📍 Virtual Hall A

Keynote

11:30am

### **Generating a 3D printable Anatomic 3D model from CT data using Open Source Software**

🕒 11:30am - 12:30pm, Jun 5

📍 Virtual Hall B

Medical 3D Printing

12:00pm

### **Design For Healthcare 3D Printing**

🕒 12:00pm - 1:00pm, Jun 5

📍 Virtual Hall A

Dental 3D Printing

Medical 3D Printing

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#### 4 Subsessions

- **How 3D Printing Is Impacting Performance Footwear Design**

🕒 12:00pm - 12:00pm, Jun 5

- **From Games to Tissues**

🕒 12:00pm - 12:00pm, Jun 5

- **The importance of simulation-driven design methods**

🕒 12:00pm - 12:00pm, Jun 5

- **Open Source Design and Manufacture of COVID-19 Swabs**

🕒 12:00pm - 12:00pm, Jun 5

1:00pm

## Making Orthopedic Implants More Accessible Through Automatable Design Workflows and Computational Modeling

🕒 1:00pm - 2:00pm, Jun 5

📍 Virtual Hall B

Medical 3D Printing Workshops

2:00pm

## Digital Dentistry Workshop

🕒 2:00pm - 3:00pm, Jun 5

📍 Virtual Hall B

Dental 3D Printing Workshops

3:00pm

## Healthcare 3D Printing In Space, NASA, ISS

🕒 3:00pm - 4:00pm, Jun 5

📍 Virtual Hall A

Biofabrication/Bioprinting

2 Subsessions

### ● Plug-and-play Bioprinting extruder in Space

🕒 3:00pm - 3:00pm, Jun 5

📍 Virtual Hall A

### ● Bioengineering: An end to the organ shortage

🕒 3:00pm - 3:00pm, Jun 5

4:00pm

## Something Ventured - Investor Perspectives

🕒 4:00pm - 5:00pm, Jun 5

📍 Virtual Hall A

Entrepreneur/Investor

5:00pm

## Pitch3D Part 1

🕒 5:00pm - 6:00pm, Jun 5

📍 Virtual Hall A

Pitch 3D

6:00pm

## Fundraising for Victoria Hand Project

🕒 6:00pm - 6:30pm, Jun 5

📍 Virtual Hall A

Sat, Jun 06, 2020

8:00am

## Join The Tribe: 3DHEALS Community Updates Part I

🕒 8:00am - 9:00am, Jun 6

📍 Virtual Hall A

JoinTheTribe

### 3 Subsessions

- **Adoption of Healthcare 3D Printing and Bioprinting in Singapore**  
⌚ 8:00am - 8:00am, Jun 6
- **Innovative cases from Hungary to promote 3D printing in the health sector**  
⌚ 8:00am - 8:00am, Jun 6
- **Melbourne Community Updates**  
⌚ 8:00am - 8:00am, Jun 6

### 9:00am

#### **Point of Care Medical 3D Printing**

⌚ 9:00am - 10:00am, Jun 6

📍 Virtual Hall A

**Medical 3D Printing**

### 1 Subsessions

- **Point of Care Labs : A recipe you definitely want to try**  
⌚ 9:00am - 9:00am, Jun 6

### 10:00am

#### **Next Generation Organogenesis & Bioprinting**

⌚ 10:00am - 11:30am, Jun 6

📍 Virtual Hall A

**Biofabrication/Bioprinting**

### 1 Subsessions

- **The Promise of Bioprinting: Evolving how we create and deliver personalized products and solutions**  
⌚ 10:00am - 10:00am, Jun 6

### 11:30am

#### **Keynote 2**

⌚ 11:30am - 12:00pm, Jun 6

📍 Virtual Hall A

**Keynote**

### 1 Subsessions

- **3D Printing Ti6Al4V Orthopaedic Implants: As Easy as Counting 1-2-3**  
⌚ 11:30am - 11:30am, Jun 6  
📍 Virtual Hall A

### 12:00pm

#### **Orthopedic and Metal 3D Printing**

⌚ 12:00pm - 1:00pm, Jun 6

📍 Virtual Hall A

**Medical 3D Printing**

### 3 Subsessions

- **Orthopedics 2021: The low touch economy & Industry 4.0**  
⌚ 12:00pm - 12:00pm, Jun 6  
📍 Virtual Hall A
- **How Johnson & Johnson harnesses 3D printing technology to provide personalization and reimagined design in orthopedics**  
⌚ 12:00pm - 12:00pm, Jun 6
- **Lattice Design on Orthopedics - Challenges and Opportunities**  
⌚ 12:00pm - 12:00pm, Jun 6

### 1:00pm

#### **Biofabrication Ecosystem**

⌚ 1:00pm - 2:00pm, Jun 6  
📍 Virtual Hall A

**Biofabrication/Bioprinting**

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#### 1 Subsessions

- **3D Bioprinting with Allevi: Automated Biofabrication**  
⌚ 1:00pm - 1:00pm, Jun 6  
📍 Virtual Hall A

### 2:00pm

#### **Artificial Intelligence and Healthcare 3D Printing**

⌚ 2:00pm - 2:30pm, Jun 6  
📍 Virtual Hall A

**Medical 3D Printing**

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#### 2 Subsessions

- **Engineering-Informed Machine Learning for Intelligent 3D Printing Accuracy Control**  
⌚ 2:00pm - 2:00pm, Jun 6
- **AI-powered 3D printing for efficient workflow in healthcare**  
⌚ 2:00pm - 2:00pm, Jun 6

### 2:30pm

#### **Digital Dentistry: 3D Printing and Beyond**

⌚ 2:30pm - 3:30pm, Jun 6  
📍 Virtual Hall A

**Dental 3D Printing**

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#### 1 Subsessions

- **Digital workflow in Dentistry – From patients records to 3D Printing COPY**  
⌚ 2:30pm - 2:40pm, Jun 6  
📍 Virtual Hall A

3:30pm

### Regulatory/Legal Challenges

🕒 3:30pm - 4:30pm, Jun 6

📍 Virtual Hall A

Biofabrication/Bioprinting

Dental 3D Printing

Entrepreneur/Investor

Medical 3D Printing

#### 5 Subsessions

- **Intellectual Property and 3D Printing Medical Devices and Bioprinting**

🕒 3:30pm - 3:30pm, Jun 6

📍 Virtual Hall A

- **Product Liability and 3D Printed Medical Devices**

🕒 3:30pm - 3:30pm, Jun 6

📍 Virtual Hall A

- **Overcoming FDA Challenges with 3D Printed Medical Products**

🕒 3:30pm - 3:30pm, Jun 6

📍 Virtual Hall A

- **Manufacturing Standards for 3D Printed Medical Devices**

🕒 3:30pm - 3:30pm, Jun 6

- **Moderated Discussion Panel**

🕒 3:30pm - 3:30pm, Jun 6

📍 Virtual Hall A

4:30pm

### Entrepreneurship Perspectives in 3D Printing

🕒 4:30pm - 5:00pm, Jun 6

📍 Virtual Hall A

Entrepreneur/Investor

5:00pm

### Pitch 3D Part 2

🕒 5:00pm - 6:00pm, Jun 6

📍 Virtual Hall A

Entrepreneur/Investor

Pitch 3D

6:00pm

### 3DHEALS2020 CM Update, Happy Hour, Event Wrap Up

🕒 6:00pm - 6:30pm, Jun 6

📍 Virtual Hall A

#### 2 Subsessions

- **You Can Make It Here - Biotech Meets Advanced Manufacturing in NYC**

🕒 6:00pm - 6:00pm, Jun 6

- **Can 3D Printing Revolutionize the Future of Education and Development?**

🕒 6:00pm - 6:00pm, Jun 6

