

3DHEALS2020

3DHEALS2020 Agenda

Fri, Jun 05, 2020

8:00am

1. 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

2. 3D Printing in CMF

🕒 9:00am - 10:00am, Jun 5

📍 Virtual Hall A

Medical 3D Printing

4 Subsessions

● The Use of Virtual Surgical planning and 3D printing in Cranio-maxillofacial 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

3. 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

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

4. Keynote 1 - Reimagining Healthcare With 3D Printing

🕒 11:00am - 11:30am, Jun 5

📍 Virtual Hall A

Keynote

11:30am

5. Generating a 3D printable Anatomic 3D model from CT data using Open Source Software Part 1

🕒 11:30am - 12:00pm, Jun 5

📍 Virtual Hall B

Medical 3D Printing

12:00pm

6. Design For Healthcare 3D Printing

🕒 12:00pm - 1:00pm, Jun 5

📍 Virtual Hall A

Dental 3D Printing

Medical 3D Printing

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

7. Digital Dentistry Workshop

🕒 2:00pm - 3:00pm, Jun 5

📍 Virtual Hall B

Dental 3D Printing **Workshops**

3:00pm

8. Healthcare 3D Printing In Space, NASA, ISS

🕒 3:00pm - 4:00pm, Jun 5

📍 Virtual Hall A

Biofabrication/Bioprinting

4 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

- **ISS: a platform for innovation**

🕒 3:00pm - 3:00pm, Jun 5

- **Printing and growing tissues in microgravity**

🕒 3:00pm - 3:00pm, Jun 5

4:00pm

9. Something Ventured - Investor Perspectives

🕒 4:00pm - 5:00pm, Jun 5

📍 Virtual Hall A

Entrepreneur/Investor

5:00pm

10. Pitch3D

🕒 5:00pm - 6:00pm, Jun 5

📍 Virtual Hall A

Pitch 3D

6:00pm

11. Fundraising for Victoria Hand Project

🕒 6:00pm - 6:30pm, Jun 5

📍 Virtual Hall A

JoinTheTribe **Social Hour**

Sat, Jun 06, 2020

7:00am

Part 2: Generating a 3D printable Anatomic 3D model from CT data using Open Source Software

🕒 7:00am - 7:30am, Jun 6

📍 Virtual Hall A

[Workshops](#)

8:00am

12. Join The Tribe: 3DHEALS Community Updates Part I

🕒 8:00am - 9:00am, Jun 6

📍 Virtual Hall A

[JoinTheTribe](#)

4 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
- **3DHEALS Munich Update**
🕒 8:00am - 8:00am, Jun 6

9:00am

13. Point of Care Medical 3D Printing

🕒 9:00am - 10:00am, Jun 6

📍 Virtual Hall A

[Medical 3D Printing](#)

4 Subsessions

- **Point of Care Labs : A recipe you definitely want to try**
🕒 9:00am - 9:00am, Jun 6
- **PoC-printing with high performance polymers and degradable polymers: requirements and chances**
🕒 9:00am - 9:00am, Jun 6
- **3D Printing for Point of Care, Stanford**
🕒 9:00am - 9:00am, Jun 6
- **The 3D+ Center; Delivering Essential Services in Today's Modern Medical Center**
🕒 9:00am - 9:00am, Jun 6

10:00am

14. Next Generation Organogenesis & Bioprinting

🕒 10:00am - 11:30am, Jun 6

📍 Virtual Hall A

Biofabrication/Bioprinting

3 Subsessions

- **The Promise of Bioprinting: Evolving how we create and deliver personalized products and solutions**
🕒 10:00am - 10:00am, Jun 6
- **Going Small to Go Big: Recreating Human Physiology at the Microscale**
🕒 10:00am - 10:00am, Jun 6
- **3D Printing Complex Tissue Models**
🕒 10:00am - 10:00am, Jun 6

11:30am

15. 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

16. Orthopedic and Metal 3D Printing

🕒 12:00pm - 1:00pm, Jun 6

📍 Virtual Hall A

Medical 3D Printing

5 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 reimaged design in orthopedics**
🕒 12:00pm - 12:00pm, Jun 6
- **Lattice Design on Orthopedics - Challenges and Opportunities**
🕒 12:00pm - 12:00pm, Jun 6
- **Metal 3D Printing for the Medical Industry**
🕒 12:00pm - 12:00pm, Jun 6
- **Metal 3D Printing for the Medical Industry**
🕒 12:00pm - 12:00pm, Jun 6

1:00pm

17. Biofabrication Ecosystem

🕒 1:00pm - 2:30pm, Jun 6

📍 Virtual Hall A

3 Subsessions

- **3D Bioprinting with Allevi: Automated Biofabrication**
⌚ 1:00pm - 1:00pm, Jun 6
📍 Virtual Hall A
- **3D Printed Human MSC-Based Regenerative Medicine Products**
⌚ 1:00pm - 1:00pm, Jun 6
- **Why Cell Manufacturing Matters: Today's BioProcess Innovations are Laying the Foundation for the Tissue Engineering Revolution**
⌚ 1:00pm - 1:00pm, Jun 6

2:30pm

18. Artificial Intelligence and Healthcare 3D Printing

⌚ 2:30pm - 3:00pm, Jun 6
📍 Virtual Hall A

Medical 3D Printing

2 Subsessions

- **Engineering-Informed Machine Learning for Intelligent 3D Printing Accuracy Control**
⌚ 2:30pm - 3:00pm, Jun 6
- **AI-powered 3D printing for efficient workflow in healthcare**
⌚ 2:30pm - 3:00pm, Jun 6

3:00pm

19. Digital Dentistry: 3D Printing and Beyond

⌚ 3:00pm - 4:00pm, Jun 6
📍 Virtual Hall A

Dental 3D Printing

2 Subsessions

- **Look to Dentistry to see the Future in Additive Manufacturing. An Industry evolving from Analog to Digital**
⌚ 3:00pm - 3:00pm, Jun 6
📍 Virtual Hall A
- **Digital workflow in Dentistry – From patients records to 3D Printing COPY**
⌚ 3:00pm - 4:00pm, Jun 6
📍 Virtual Hall A

4:00pm

20. Regulatory/Legal Challenges

⌚ 4:00pm - 5:00pm, Jun 6
📍 Virtual Hall A

Biofabrication/Bioprinting Dental 3D Printing Entrepreneur/Investor Medical 3D Printing

6 Subsessions

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

🕒 4:00pm - 5:00pm, Jun 6

📍 Virtual Hall A

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

🕒 4:00pm - 5:00pm, Jun 6

📍 Virtual Hall A

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

🕒 4:00pm - 5:00pm, Jun 6

📍 Virtual Hall A

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

🕒 4:00pm - 5:00pm, Jun 6

- **Moderated Discussion Panel**

🕒 4:00pm - 5:00pm, Jun 6

📍 Virtual Hall A

- **3D Printed Human MSC-Based Regenerative Medicine Products**

🕒 4:00pm - 4:00pm, Jun 6

5:00pm

21. Entrepreneurship Perspectives in 3D Printing

🕒 5:00pm - 5:30pm, Jun 6

📍 Virtual Hall A

Entrepreneur/Investor

5:30pm

22. 3DHEALS2020 CM Update, Happy Hour, Event Wrap Up

🕒 5:30pm - 6:30pm, Jun 6

📍 Virtual Hall A

JoinTheTribe

Social Hour

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