



Co-organisers



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Additive Manufacturing



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# From **medical imaging** to 3D anatomical models



: Fri, 31 May 2024



: 10am – 3pm



: SDE4\_COMPUTER LAB (DID)#05-08

Welcome to our Medical 3D Printing workshop! In this session, we'll take you on a journey from medical imaging to printable 3D models. Learn about image processing concepts, software UI, and basic segmentation in our introductory segment. Then, dive into anatomical modeling as we guide you through creating printable 3D files from scans. Explore real-life case studies to understand the practical applications of medical 3D printing. To wrap up, test your knowledge with a short quiz and engage in a DIY exercise. Whether you're new to the field or looking to expand your skills, join us for an interactive session filled with hands-on learning and valuable insights into the world of medical 3D printing.

Due to the limited class size, registration is by invitation only.  
Please reach out to us if you are eager to take part in the workshop.

## Agenda:

- 10.00am - 10.15am **Registration**
- 10.15am - 10.45am **Introduction to Medical 3DP, case studies and Image-processing concepts**
- 10.45am – 12.00pm **Exercise 1: Intro to software UI and basic segmentation**
- 12.00pm – 1.00pm **Lunch**
- 1.00pm – 2.00pm **Exercise 2: Anatomical Modelling (from scan to printable 3D file)**
- 2.00pm – 3.00pm **Wrap up with short quiz and DIY exercise**

For more information, kindly contact:

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