

# Venue

Fuglsang Manor on Lolland  
in Southern Denmark



[www.fuglsangherregaard.dk](http://www.fuglsangherregaard.dk)

Only € 825 all inclusive

All meals and  
accommodation included.

(No course fee)

Lectures and exercises cover the full pipeline from data acquisition through reconstruction and segmentation to modelling based on real 3D data. Mandatory to follow the online Coursera course before arrival:

<https://www.coursera.org/learn/cinemaxe>



Denmark has one of the most efficient COVID-19 vaccination programs in EU. You can thus expect to be in a completely safe environment. Participants from abroad will as a minimum have to come with a fresh negative test. Full refund in case of cancellation due to COVID-19 restrictions.

## Key dates

Registration by: July 15, 2021

(limited number of participants, first come – first served)

Poster abstracts by: August 15, 2021

<http://www.conferencemanager.dk/CINEMAXVI>

You will work with real problems on your own laptop!

Please contact **Anne Heglingegård** ([aheg@dtu.dk](mailto:aheg@dtu.dk)) to receive further details directly



Technical University of Denmark and University of Copenhagen present

The 6<sup>th</sup> International Summer School

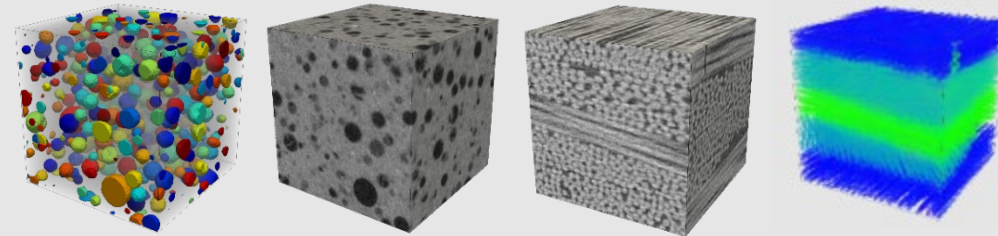
# CINEMAX

First Announcement

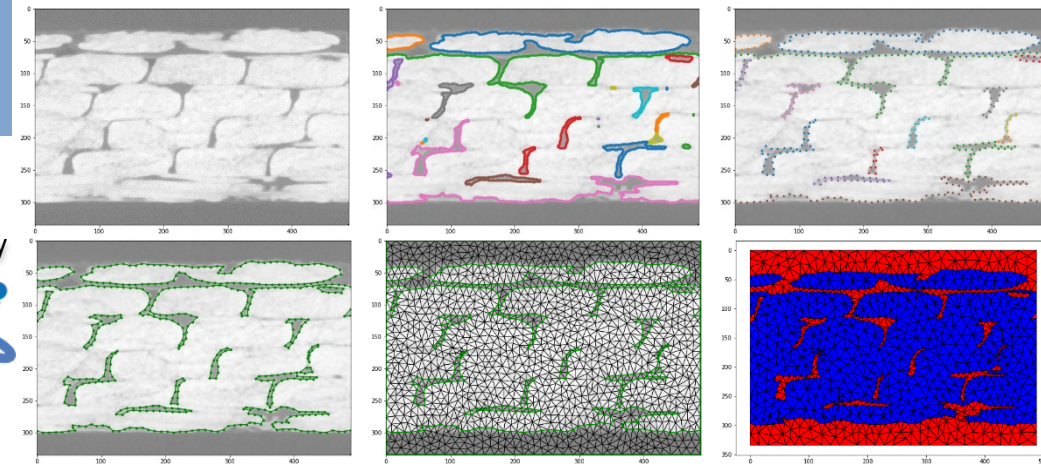
August 23 – 27 2021

For PhD students, Post Docs and industrial researchers

## 3D imaging and modelling of materials



<http://www.conferencemanager.dk/CINEMAXVI>



	Monday	Tuesday	Wednesday	Thursday	Friday		
7.30		Breakfast	Breakfast	Breakfast	Breakfast, empty your room		
9-9.45	10:45: The bus leaves from Copenhagen Central Station	9-9:05: Overview of the day. Segmentation and volumetric analysis Spot quiz on the MOOC content (Vedrana A. Dahl and Anders B. Dahl)	9-9:05: Overview of the day. Advanced topics and challenges for tomography Phase contrast (ptychography) (Jens W. Andreasen)	9-9:05: Overview of the day Project output Short presentation of topics and identification of supervision needs.	Presentations by the students		
10-10.45		Q & A on the MOOC content Exercises in segmentation and volumetric analysis (Vedrana A. Dahl and Anders B. Dahl)	Data processing, artifacts encountered in tomography and how to deal with them (Vedrana A. Dahl and Anders B. Dahl)	Project work			
11-12		Structural modelling, introduction Spot quiz on topics covered in MOOC Q & A on the MOOC content	Advanced topics in reconstruction (Jakob Sauer Jørgensen)				
12-13		12:45 The bus arrives at Fuglsang Manor	Lunch			Lunch	Lunch
13-13.55		Sandwich lunch Overview of the week and introduction to tomography and applications (Jens W. Andreasen)	Exercises in structural modelling (Lars Pilgaard Mikkelsen)			Exercises in advanced reconstruction applications (Jakob Sauer Jørgensen)	13.30: The bus leaves for Copenhagen
14-14.45	Spot quiz on content covered in the Coursera MOOC. Q & A on the MOOC content	Guided tour to Fuglsang Museum of art					
15.15-16	Tomographic reconstruction introduction Q & A on the MOOC content (Jakob Sauer Jørgensen)		15.30: The bus arrives at Copenhagen Central Station				
16.15-17	Code a small tomography exercise from scratch (Jakob Sauer Jørgensen)						
17-19	You get the keys to your room Dinner break	"Galla" dinner (no formal attire ☺)	Dinner break	Dinner break			
19-21	Introduction to JupyterHub Introduction to materials cases used at CINEMAX	Musical soirée	Form groups and start the group work on presentation projects	Prepare presentations			
21-	Poster session	Free time	Group work on presentation projects				