

PhD Summerschool 2024

Organizers DIKU, DTU Compute, AAU

August 14-18, 2023

	Monday	Tuesday	Wednesday	Thursday	Friday
TIME	August 12	August 13	August 14	August 15	August 16
9:00-9:30	Transport	Anders B. Dahl Medical CT at Extreme Scale using Synchrotrons	Rikke Gade Acquiring and analyzing human motion data. Thermal imaging.	Project work / exercises	
9:30-10:25					Melanie-Ganz Benjaminsen Advanced motion tracking and correction for 3D medical image acquisition.
		Break	Break	Break	Break
10:35-11:00		Vedrana Andersen Dahl Investigating the interfection between deep-learning-based segmentation and synchrotron 3D imaging	Project work / exercises	Aasa Feragen Fairness and bias in medical image analysis	Melanie-Ganz Benjaminsen Advanced motion tracking and correction for 3D medical image acquisition.
11:00-12:00			Esther Puyol-Antón Industrial use of medical image analysis in HeartFlow		Organizers: Goodbyes
12:00-	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:30	Organizers: Welcome and practicalities	Project work / exercises		Project work / exercises	Transport
13:30-14:25	Organizers: Introduction to exercises and project work				
	Break	Break		Break	
14:40-16:20	Andreas Bærentzen Parameterizations of complex 3D shapes.	Jon Sporing 2D and 3D structural analysis.	Social event	Project work / exercises	
	Break	Break		Break	
16:30-18:00	Rasmus R. Paulsen Neural implicit descriptions and analysis of complex 3D shapes	Project work / exercises		Project presentations	
18:00-19:00	Dinner	Dinner	Dinner	Organizers: Sum up and evaluations	
19:00-22:00	Student poster session			Summerschool celebration dinner	