PhD Summerschool 2024

Organizers **DIKU, DTU Compute, AAU**

August 14-18, 2023

TIME	Monday August 12	Tuesday August 13	Wednesday August 14	Thursday August 15	Friday 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** Motion Analysis and Correction for 3D Medical Image Acquisition with a Focus on Brain MRI.
		Break	*Break*	*Break*	*Break*
10:35-11:00		**Vedrana Andersen Dahl** Investigating the intersection between deep-learning-based segmentation and synchrotron 3D imaging	**Project work / exercises**	**Aasa Feragen** Fairness of AI in medical imaging	**Melanie-Ganz Benjaminsen** Motion Analysis and Correction for 3D Medical Image Acquisition with a Focus on Brain MRI.
11:00-12:00			**Esther Puyol-Antón** Industrial use of medical image analysis in HeartFlow		**Robert Jenssen:** Arctic Medical Image Analysis **Organizers:** Goodbyes
12:00-13:00	*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 - room keys will be handed out	*Break*		*Break*	
14:40-16:20	**Andreas Bærentzen** Parameterizations of complex 3D shapes.	**Jon Sporring** Exploring Biological Shape Analysis through Topology, Geometry, and Statistics	**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*	