MIDAS LAB – Seminar SS 2022

Prof. Dr. Sergios Gatidis, Dr. Thomas Küstner

Seminar room:

Seminar room 410 or
Zoom (https://zoom.us/j/93307222414?pwd=dmIzTnQxUUN2My9NNGJtZGx5c1VQdz09)

Date (in UTC+1)	Topic	Speaker
13.04.22 3 pm	3D Cartesian Fast-interrupted Steady-state Sequence (FISS)	Küstner
20.04.22 3 pm	autoPET challenge	Gatidis
27.04.22 2 pm	Journal Club	(open)
04.05.22 2 pm	Moving away from Convolutions for Efficient 3D Medical Image Analysis	Upadhyay
11.05.22 2 pm	*ISMRM*	
18.05.22 2 pm		*Cancelled*
25.05.22 1 pm	ISMRM Recap	Küstner, Gatidis, Früh, Xu, Ghoul
01.06.22 2 pm	Symbolic Regression and Compositional representations	Cobos
08.06.22 2 pm	MIDAS.lab	Küstner, Gatidis
15.06.22 2 pm	Training confounder-free deep learning models for medical applications	Fay
22.06.22 2 pm	Self-supervision and Transformers	Fischer
29.06.22 2 pm	Motion Estimating Cardiac MRI Reconstruction and Segmentation using Deep Learning	Haikun Qi (ShanghaiTech)

29.06.22 2:30 pm	Spatiotemporal Through-plane Super-resolution Networks for Isotropic Cardiac Cine MRI Investigated in the UK Biobank	Veronika Ecker (student)
06.07.22 2 pm	Overview of self-supervised learning	Früh
13.07.22 2 pm	Introduction to attention mechanisms in computer vision	Xu
20.07.22 2 pm	Image quality criteria for AI-based prediction models	Ghoul
27.07.22 2 pm	Group meetup	Küstner, Gatidis
03.08.22 - 31.08.22	*Summer break*	
07.09.22 2 pm	ISMRM Motion Correction Workshop Debrief	Küstner
14.09.22 2 pm		(open)
21.09.22 2 pm	*MICCAI*	
28.09.22 2 pm	Hyperparameter optimization for MR image reconstruction architectures based on uncertainty estimation	Lu Wang (student)
05.10.22 2 pm	HoloLens	Daul