

MUST 2024

Tuesday, June 11, 2024

Reconstruction Methods & Modeling: Part 1 - Eulerzaal (1:00 PM - 2:00 PM)

time	[id] title	presenter
1:00 PM	[17] Coupled Viscoacoustic-Viscoelastic Spectral-Element Modeling for Transcranial Ultrasound	MARTY, Patrick
1:20 PM	[22] Interface identification and sound speed reconstruction in layered media: Advancing from synthetic to authentic Ultrasound data	YANG, Huidong
1:40 PM	[23] Extending diffraction tomography to focused ultrasound configurations	NAUJOKS, Noemi

Reconstruction Methods & Modeling: Part 2 - Eulerzaal (2:20 PM - 3:00 PM)

time	[id] title	presenter
2:20 PM	[32] Hybrid Gaussian Beam Pseudo-spectral Method for Efficient Wave Propagation in PAT	MACNEIL, Elliott
2:40 PM	[33] Uncertainty Estimation in Breast Multiparameter Full Waveform Inversion	HARINDRANATH, Aparna GUASCH, Lluís

Wednesday, June 12, 2024

Reconstruction Methods & Modeling: Part 3 - Eulerzaal (10:20 AM - 12:00 PM)

time	[id] title	presenter
10:20 AM	[11] Fourier Beamforming for Enhanced Resolution in Ultrasound Computed Tomography	ZHOU, Xiang
10:40 AM	[19] Determine power law parameters for ultrasound attenuation imaging	FEUCHT, Clemens
11:00 AM	[20] Full 3D ultrasound tomography: current status at KIT	RUITER, Nicole
11:20 AM	[34] Numerical methods for weakly nonlinear ray tracing approximations in HIFU	FOSTER, Matt
11:40 AM	[29] Computed Ultrasound Tomography in Echo Mode – current status	JAEGER, Michael