GAMM2025

Wednesday 9 April 2025

S21: Mathematical signal and image processing: S21.01 - Room 0.23 (08:30 - 10:10)

-Conveners: Oleh Melnyk

time	[id] title	presenter
08:30	[481] Duality in nonlinear eigenproblems	LAUBMANN, Jonathan
09:10	[482] Adjointfree Estimation of Operator Norms Do we need the Adjoint to Estimate Operator Norms?	SCHNEPPE, Felix

S21: Mathematical signal and image processing: S21.02 - Room 0.23 (16:30 - 18:30)

-Conveners: Stefania Petra

time	[id] title	presenter
16:30	[483] Hyperspectral Image denoising via Low-rank Tucker decomposition with Subspace Implicit Neural Representation	PENG, Jiangjun
16:50	[484] Denoising Hyperbolic-Valued Data by Relaxed Regularizations	BRESCH, Jonas
17:10	[485] Riemannian Patch Assignment Gradient Flows	GONZALEZ-ALVARADO, Daniel
17:30	[486] Information Geometry of Exponentiated Gradient: Convergence beyond L-Smoothness	ELSHIATY, Yara

Thursday 10 April 2025

S21: Mathematical signal and image processing: S21.03 - Room 0.23 (08:30 - 10:30)

-Conveners: Stefania Petra

time	[id] title	presenter
08:30	[487] Variational exit wave reconstruction - From classical approaches to deep unfolding	BERKELS, Benjamin
09:10	[488] Towards a super-resolution theory for infinite-width shallow neural networks	CARIONI, Marcello
09:30	[489] Pattern-Generating Reaction-Diffusion Systems for Texture Processing: Towards Generative Texture Descriptors	WELK, Martin
09:50	[490] Bundle Scale Spaces and Local Gauge Symmetries for Graph Networks	CASSEL, Jonas
10:10	[491] Multilevel Optimization: Geometric Coarse Models and Convergence Analysis	VANMAELE, Ferdinand-Joseph

S21: Mathematical signal and image processing: S21.04 - Room 0.23 (14:00 - 16:00)

-Conveners: Benjamin Berkels

time	[id] title	presenter
14:00	[492] Covariance Matrix Estimation for Massive MIMO	PAUL, Laura
14:20	[493] Time-Harmonic Optical Flow with Applications in Elastography	MELNYK, Oleh
14:40	[494] Reconstructing Missing Fourier Data in MRI: Exploring GRAPPA and Subsampling Strategies in the Fourier Domain	RIAHI, Anahita
15:00	[495] Automated Adjustment of the Focussing Optics of Free-electron Lasers	SCHMIDT, Janina
15:20	[496] Adaptive Bregman–Kaczmarz: an approach to solve linear inverse problems with independent noise exactly	TONDJI, Lionel
15:40	[497] Density estimation for broken random samples	BI, Hancheng