



# Matrix Equations and Tensor Techniques IX (METTIX)

## Thursday, September 9, 2021

**Paper blitz: Robol, Palitta, Kuerschner, Uzunca, Singla (9:45 AM - 10:45 AM)**

time	[id] title	presenter
9:45 AM	[M2] Mixed precision recursive block diagonalization for bivariate functions of matrices	ROBOL, Leonardo
9:55 AM	[M5] Stein-based preconditioners for weak-constraint 4D-Var	PALITTA, Davide
10:05 AM	[M4] Inexactness in low-rank methods for large matrix equations	KÜRSCHNER, Patrick
10:15 AM	[M0] Non-intrusive model order reduction for cross-diffusion systems	Prof. UZUNCA, Murat
10:25 AM	[M9] A distance formula for tuples of doubly commuting matrices	SINGLA, Sushil

**Paper blitz: Persson, Heiland, Matveev, Curto, Petrov (4:50 PM - 5:50 PM)**

time	[id] title	presenter
4:50 PM	[M2] Improved variants of the Hutch++ algorithm for trace estimation	PERSSON, David
5:00 PM	[M0] Solving large-scale Riccati equations with indefinite quadratic terms	HEILAND, Jan
5:10 PM	[M8] Model order reduction and utilization of the reduced basis for aggregation kinetic equations	MATVEEV, Sergey
5:20 PM	[M6] The Extended Aluthge Transform	CURTO, Raul
5:30 PM	[M7] Matrix Completion with Sparse Measurement Errors	PETROV, Sergey