Program

Thursday, January 31

13:00-13:30	Zahájení
13:30-14:30	**Michele Benzi:** *Generalized matrix functions: theory and computation*
14:30-15:30	**Reijo Kouhia:** *Requirements for iterative linear equation solvers in problems of solid- and structural mechanics*
15:30-16:00	Coffee/Tea Break
16:00-17:00	**Jennifer Scott:** *Avoiding catastrophic fill in large-scale least squares problems*
17:00-18:00	**José Mas Marí:** *Preconditioners for rank deficient least squares problems*
18:00-18:30	**Jörg Liesen:** *Some convergence results for the multiplicative Schwarz method*

Friday, February 1

9:00-10:00	**Thomas Huckle:** *Parallel approximate LU factorizations for sparse matrices and parallel iterative solvers for triangular matrices*
10:00-10:30	Coffee/Tea Break
10:30-11:30	**Rafael Bru:** *Eigen-properties of rank one updated matrices*
11:30-12:30	**Daniela di Serafino:** *On preconditioner updates for sequences of saddle-point linear systems*
12:30-14:30	Lunch Break
14:30-15:00	**Claude Brezinski:** *Shanks' transformations, Anderson acceleration, and the solution of systems of equations*
15:00-15:30	**Michela Redivo-Zaglia:** *Extrapolation methods for linear and nonlinear algebra problems*
15:30-16:00	Coffee/Tea Break
16:00-16:30	**Gérard Meurant:** *SGMRES and RB-SGMRES revisited*
16:30-17:00	**Gabriel Okša:** *Asymptotic quadratic convergence of the two-sided parallel block-Jacobi SVD algorithm*
17:00-17:30	**Jurjen Duintjer Tebbens:** *Incremental condition estimation and BIF factorization*
17:30-18:00	**Jiří Kopal:** *Approximate inverse factorization: theory, analysis, and construction of the multilevel schemes*