Meeting of European SIAM Chapters 2017

Programme

Sunday, August 27

19.00-23.59	Welcome barbecue

Monday, August 28

9.00-10.15	Opening Session
10.15-10.45	Coffee break
10.45-11.10	*JAN KUŘÁTKO:* Symmetric Factorization of Saddle-point Matrices in Nonlinear Optimization and Reusing Pivots
11.10-11.35	*MANUELA HUND:* Parametrized Sylvester Equations in Model Order Reduction
11.35-12.00	*CLEOPHAS KWEYU:* Fast Solution of the Poisson-Boltzman Equation by the Reduced Basis Method and Range-Separated tensor format
12.00-13.30	Lunch break
13.30-13.55	*QAYS SHAKIR:* Surface Face Graphs and Their Tightness
13.55-14.20	*BERND PERSCHEID:* The Separation Problem for 1-Wheel Inequalities and Extended Formulations
14.20-14.45	*CLAUDIA ADAMS:* Copositive Optimization in Infinite Dimension
14.45-15.15	Coffee break
16.00-21.30	City Tour (including The Invisible Exhibition)

Tuesday, August 29

9.00-10.15	*Pavel Exner:* Unusual spectral properties of a class of Schrödinger operators
10.15-10.45	**Coffee break**
10.45-11.10	*Petr Lukáš:* On Optimization of Stabilized Methods in FEM
11.10-11.35	*Alexandru Iosif:* The Computation of the Discriminant of a Mass Action Network
11.35-12.00	*Xiaoyu Chen:* MIP and Heuristics for Multiple Earth-Observing Satellites Scheduling Problem
12.00-13.30	**Lunch break**
13.30-13.55	*Daniel Bankmann:* Multilevel optimal control of differential-algebraic systems
13.55-14.45	*Tomáš Rosa:* Digital Signal Processing and Software-Defined Radios in Remote Attacks on GPS
14.45-15.15	**Coffee break**
15.15-15.30	**Poster blitz**
15.30-17.00	**Poster session**
	Tomáš Gergelits: On pairing between exact and finite-precision short recurrences
	Marie Kubínová: Noise representation in residuals of LSQR, LSMR, and CRAIG regularization
	Erika Maringová: On a Navier-Stokes-Fourier-like system capturing a transition between viscid and inviscid fluid regimes and between no slip and perfect slip boundary conditions
	Marek Netušil: Multiscale Modelling of Aortic Media
	Vít Orava: Multi-phase modelling of a reactive flow in fluidized bed reactors heated by internal tubes
	Carolin Penke: GPU-Accelerated Implementation of the Storage-Efficient QR Decomposition
	Ranna Atta Ur Rahman: Experimental Characterization of Fatigue Crack Initiation of Mineralized AA320 Alloy under CTC & ML during Four Point Rotating and Bending Fatigue Testing Machine
	Qays Shakir: Σ-Facegraphs and Their Tightness
19.00-21.00	**Conference dinner**

Wednesday, August 30

9.00-9.25	*Shanzai Lee:* End to End Learning for DeepDriving with leveraging available scene segmentation side tasks to improve performance under a privileged learning paradigm and Robust Exponential Stability of Periodic Solutions for Static Recurrent Neural Networks with Delays
9.25-9.50	*Dennis Kreber:* Subset selection and regression problems
9.50-10.15	*Anna Thünen:* Multi-Leader-Follower Games
10.15-10.45	**Coffee break**
10.45-12.00	**SIAM Chapters Panel**
12.00-12.15	**Closing remarks**
12.15-13.30	**Lunch break**