Jena–Augsburg-Meeting (JAM) on Numerical Analysis

June 07 – 10, 2023

University of Augsburg, Building I^2, Room 1309/1310

	Time	Name	Title
Wednesday			
	19:00		Welcome dinner

	Time	Name	Title
Thursday	09:00	D. Praetorius	Goal-oriented adaptivity for semilinear elliptic PDEs
	09:40	G. Bonnet	Virtual element discretization of elliptic equations in nondivergence form
	10:20	A. J. Salgado	Two scale methods for the normalized infinity Laplacian: Convergence rates
	11:00		Coffee Break
	11:30	G. Barrenechea	A finite element method for the Navier-Stokes equation with free surface
	12:10	A. Demlow	Nodal finite element methods for the surface Stokes equations
	12:50		Lunch Break
	14:10	F. Bonizzoni	Discontinuous Galerkin Methods for Fisher-Kolmogorov Equation
	14:50	A. Ern	The dG approximation of the grad–div and curl–curl operators in first-order form is spectrally correct
	15:30		Coffee Break
	16:00	T. Chaumont-Frelet	Guaranteed and polynomial-degree-robust a posteriori estimates for mixed finite element discretizations of the curl-curl problem
	16:40	E. Georgoulis	A posteriori error control for space-time methods for the Allen–Cahn problem
	17:20	M. Feischl	Adaptive approximation of time-dependent problems
	19:00		Dinner at Zeughausstuben

	Time	Name	Title
Friday	09:00	L. Banjai	Wave scattering by obstacles with nonlinear impedance boundary conditions
	09:40	P. Henning	The numerical approximation of superconductors in the high-kappa regime
	10:20	Y. A. Bronsard	Low-regularity time integrators for the Nonlinear Schrödinger equation
	11:00		Coffee Break
	11:30	A. Dond	Error analysis for a distributed optimal control problem governed by the von Karman equations
	12:10	M. Neunteufel	The Hellan–Herrmann–Johnson and TDNNS Method for Nonlinear Koiter and Naghdi Shells
	12:50		Lunch Break
	14:00	R. Maity	Finite Element Methods for Reduced Landau-de Gennes Minimization Problems of Nematic Liquid Crystals and Ferronematic Systems
	14:40	A. Kaltenbach	A posteriori error estimation via (discrete) convex duality and applications
	15:20	N. T. Tran	Error analysis of a skeletal method for convex minimization problems using duality relations
	16:00		Discussion and Closing
	19:00		Dinner at Ganesha

	Time	Name	Title
Saturday	09:00		Guided tour
	11:00		Open discussion