		NUMERICAL ANALYSIS FOR PARTIAL DIFFERENTIAL EQUATIONS
		Programme
Wednesday 18		
9:30 - 10:20		Stig Larsson
		Duality in refined Watanabe-Sobolev spaces and weak approximation of SPDE
10:20 -11:10		Assyr Abdulle
		Numerical methods for multiscale parabolic and hyperbolic problems
11:10-11:40		*Coffee Break*
11:40-12:30		Xiaobing Feng
		Discontinuous Galerkin Finite Element Methods for Fully Nonlinear Second Order PDEs
12:30-13:20		Tony Lelievre
		Recent results on the reduced basis methods and the greedy algorithms for high-dimensional partial differential equations
13:20- 15:00		*Lunch*
15: 00-15:50		Simon Chandler-Wilde
		Hybrid Numerical-Asymptotic Methods for High Frequency Wave Scattering
15:50- 16:10		*Coffee Break*
16:10 - 17:00		Erik Burman
		Stabilized finite element methods for non symmetric, non coercive and ill-posed problems
Thursday 19		
9:30 - 10:20		James Sethian
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10:20 -11:10		Soeren Bartels
		Finite element approximation of functions of bounded variation
11:10-11:40		*Coffee Break*
11:40-12:30		Ohannes Karakashian
		A posteriori error estimates for discontinuous Galerkin methods for the Generalized Korteweg-de Vries equation.
12:30-13:20		Carola Schonlieb
		Optimising image reconstruction by nonlinear PDE constrained optimisation.
13:20- 15:00		*Lunch*
15: 00-15:50		Ridgway Scott
		Electron correlation in van der Waals interactions
15:50- 16:10		*Coffee Break*
16:10 - 17:00		Manolis Georgoulis
		Error Control and Adaptivity for DG Methods for Hyperbolic Problems

Friday 20		
9:30 - 10:20		Wolfgang Dahmen
		A greedy approach to model reduction - what are the right projections?
10:20 -11:10		Paola Goatin
		Macroscopic modeling and simulation for crowd dynamics
11:10-11:40		*Coffee Break*
11:40-12:30		Anne-Sophie Bonnet Ben-Dhia
		Some numerical issues for the Helmholtz equation with sign-changing coefficients
12:30-13:20		Thodoros Katsaounis
		Adaptivite methods for linear semiclassical Schrodinger equations
13:20- 15:00		*Lunch*
15: 00-15:50		Klaus Deckelnick
		Unfitted finite element methods for surface PDEs
15:50- 16:10		*Coffee Break*
16:10 - 17:00		Lehel Banjai
		Time-domain boundary integral equations for waves