

# Internet Seminar Workshop – Operator Semigroups for Numerical Analysis, 3–9 June 2012

	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	
8:30						
9:00	OPENING	<b>Wolfgang Arendt</b> <i>Evolution via forms and approximation</i>	<b>Stig Larsson</b> <i>Finite element approximation of stochastic evolution PDEs</i>	<b>Runge-Kutta discretizations of parabolic problems</b> <i>Christian Lubich</i>	<b>Approximation results in probability theory and quantum physics</b> <i>Markus Haase</i>	
9:30	<b>Marlis Hochbruck</b> <i>Exponential integrators</i>					
10:00						
10:30		<b>Some positivity preserving schemes for semilinear problems</b> <i>Abdelaziz Rhandi</i>	<b>The semigroup approach to stochastic partial differential equations driven by noise</b> <i>Stig Larsson</i>			
11:00	<b>Exponential splitting methods</b> <i>Katharina Schratz</i>				<b>Christian Lubich</b> <i>Runge–Kutta discretization of par. diff. eqs. on evolving surfaces</i>	<b>Rational approximations of semigroups without scaling and squaring</b> <i>Frank Neubrander, Koray Özer</i>
11:30						
12:00						
12:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
13:00						
13:30						
14:00						
14:30	<b>Nonautonomous equations and evolution families</b> <i>Birgit Jacob, Sven-Ake Wegner</i>	<b>Coordinator Meeting</b>	EXCURSION	<b>The stability and convergence results of Brenner and Thomée</b> <i>Robert Haller-Dintelmann</i>	<b>Crank-Nicolson scheme for bounded semigroups</b> <i>Hans Zwart</i>	
15:00						
15:30		<b>Job Market</b>				
16:00						
16:30	<b>Inhomogeneous and semilinear evolution equations</b> <i>Roland Schnaubelt</i>	<b>Geometric theory of semilinear problems</b> <i>Alexander Ostermann</i>		<b>Perturbation theory of <math>C_0</math>-semigroups (the Miyadera theorem)</b> <i>Jürgen Voigt</i>	<b>Exponential quadrature</b> <i>Marlis Hochbruck</i>	
17:00						
17:30						
18:00						
18:30	DINNER	DINNER	DINNER		DINNER	
19:00						
19:30						