

Conference	<b>NONLINEAR PHENOMENA in Stockholm: Kinetic meets Dispersive</b>		
	<a href="http://www.math.kth.se/~dogge/nonlinear">www.math.kth.se/~dogge/nonlinear</a>		November 19-21, 2018
SCHEDULE			
Time	Place	Speaker	Titles and Comments
Monday, Nov 19			
08:30		<i>Opening of the conference</i>	
8:40-9:30		Alexander Bobylev (KIAM)	On the Vlasov-Poisson-Landau kinetic Equation for Plasma
9:30-9:50	break	<i>Coffee break</i>	
9:50-10:40		Emanuela Giacomelli (Sapienza)	Corner Contribution to Surface Superconductivity
10:45-11:35		Hakan Andreasson (Gothenburg)	On the existence and structure of static and stationary solutions of the Einstein-Vlasov system
11:40-12:10	grad	Anudeep Kumar (Florida Int Univ)	Singularities and Global Solutions in the Schrodinger-Hartree Equation
12:10-2:30	lunch	<i>Conference Lunch</i>	At "SYSTER O BROR", DROTTNING KRISTINAS våg 24At "SYSTER O BROR", DROTTNING KRISTINAS våg 24
		<i>with lunch discussion:</i>	<i>math careers in Europe and in the US; future research directions in this field</i>
2:30-3:20		Alessia Nota (Bonn)	Homoenergetic Solutions for the Boltzman Equation
3:25-4:15		Esther Daus (TU Vienna)	Multi-species cross-diffusion population models: Existence of solutions and derivation from underlying particle models
4:15-4:35	break	<i>Coffee break</i>	
4:35-5:25		Chiara Saffirio (Zurich)	From the many-body quantum dynamics to the Vlasov Equation
5:30-6:00	grad	Luccas Campus (UFMG+FIU)	Blow-up, scattering and concentration of solutions to Inhomogeneous Nonlinear Schrodinger equation
		<i>Dinner</i>	<i>(on your own)</i>
Tuesday, Nov 20			
8:40-9:30		Michele Correggi (Sapienza)	On the Average-Field Functional for Anyons
9:30-9:50	break	<i>Coffee break</i>	
9:50-10:40		Douglas Lundholm (KTH)	Average-Field Anyons from Quantum de Finetti
10:45-11:35		Jonatan Lenells (KTH)	Asymptotics for the Sine-Gordon equation in the quarter plane
11:40-12:10	grad	Julian Mauersberger (KTH)	The hyperbolic Ernst Equation in a triangular domain
12:10-2:00	lunch	<i>Lunch break</i>	<i>(on your own)</i>
2:00-2:50		Annie Millet (Paris-1)	Random field global solution to a stochastic wave equation with superlinear coefficients
2:55-3:45		Dana Mendelson (Chicago)	Almost sure well-posedness for some nonlinear dispersive equations
3:50-4:10	break	<i>Coffee break</i>	
4:10-5:00		Magdalena Czubak (Colorado)	Almost sure boundedness of iterates for semilinear wave equations
5:05-5:55		Natasia Pavlovic (UT Austin)	On the Boltzmann equation via dispersive tools
06:15		<i>Conference Dinner</i>	At KTH Mathematics Department, Lindstestsvägen 25
Wednesday, Nov 21			
8:30-9:20		Maya Taskovic (U Penn)	On the relativistic Landau Equation
9:25-10:15		Stanley Snelson (Florida Inst. Tech.)	Conditional regularity for the Inhomogeneous Landau Equation
10:15-10:35	break	<i>Coffee break</i>	
10:35-11:25		Hans Lundmark (Linkoping)	Peakon Solutions of the Novikov and Geng-Xue Equations
11:30-12:20		Ronald Quirchmayr (KTH)	On the spectral problem associated with the time-periodic Nonlinear Schrodinger Equation
12:20-2:00	lunch	<i>Lunch break</i>	<i>(on your own)</i>
2:00-2:50		Kai Yang (Florida Int Univ)	Blow-up dynamics in the critical and supercritical Nonlinear Schrodinger type equations
2:50-3:40		Svetlana Roudenko (Florida Int Univ)	On spectral properties for blow-up solutions and soliton stability in dispersive equations
03:45		<i>Closing of the conference</i>	