

Session 28, Nonlinear Dispersive Equations

Wednesday 18, Room 205

- 15:30–16:00 **Wellposedness for the Benjamin-Ono equation for rough initial data**
Herbert Koch
- 16:00–16:30 **Global existence for the critical generalized KdV equation**
Felipe Linares
- 16:30–17:00 **Carleman estimates for the heat and Stokes equations and applications to controllability**
Enrique Fernández Cara
- 17:30–18:00 **KP I versus KP I-BBM**
Jean-Claude Saut
- 18:00–18:30 **Capturing the semi-classical limit of the focusing nonlinear Schrodinger equation**
Hector Ceniceros
- 18:30–19:00 **Asymptotic behavior to dissipative quasi-geostrophic flow**
Maria Schonbek

Thursday 19, Room 205

- 11:30–12:00 **Two-scale compensated compactness**
Bjorn Birnir
- 12:00–12:30 **Drops: the collapse of a capillary jet**
Antonio Córdoba Barba
- 12:30–13:00 **On the unique continuation of solutions to the generalized KdV equation**
Gustavo Ponce
- 13:00–13:30 **Dispersive estimates for the wave equation with potential**
Vladimir Georgiev
- 15:30–16:00 **Blow up behavior of solutions to the Ricci flow on R^2**
Panagiota Daskalopoulos
- 16:00–16:30 **The incompressible limit in nonlinear elasticity**
Thomas C. Sideris
- 16:30–17:00 **The Cauchy problem for quasilinear Schrodinger equations**
Carlos Kenig
- 17:30–18:00 **Long-time and orbital stability for the Vlasov-Poisson system in the stellardynamics case**
Juan Soler Vizcaíno
- 18:00–18:30 **Stabilite des N-solitons pour l'equation de KdV**
Yvan Martel

Friday 20, Room 205

- 10:30–11:00 **On global well-posedness for Schroedinger maps in the energy norm**
Atanas Stefanov
- 11:00–11:30 **Bilinear Strichartz estimates**
Maricruz Vilela
- 12:00–12:30 **Nonrelativistic limits in atomic models**
Maria J. Esteban Galarza
- 12:30–13:00 **Nodal solutions of a Schroedinger equation with critical non-linearity**
Mónica Clapp
- 13:00–13:30 **A Chebyshev collocation method for a Stokes problem**
Henar Herrero Sanz