

# WORKSHOP ON NONLINEAR DISPERSIVE PDE

LONG TIME DYNAMICS,  
BOUNDARY VALUE PROBLEMS, INTEGRABILITY

## Monday

**09.30-10.20:** Varga Kalantarov (Koç University) *Blow up and preventing blow up of solutions of nonlinear PDEs*

**10.50-11.40:** Nobu Kishimoto (Kyoto University) *Unconditional uniqueness for nonlinear dispersive equations*

**14.00-14.50:** Nikos Tzirakis (University of Illinois at Urbana-Champaign) *The initial and boundary value problem for the cubic nonlinear Schrödinger equation*

## Tuesday

**09.30-10.20:** Dario Bambusi (University of Milan) *Dynamics of a soliton in an external potential*

**10.50-11.40:** Luc Molinet (François Rabelais University of Tours) *Improvement of the energy method for strongly non-resonant dispersive equations and applications*

**14.00-14.50:** Zaher Hani (Georgia Institute of Technology) *Long-time dynamics and turbulence of nonlinear waves*

**15.20-16.10:** Beat Raphael Schaad (University of Kansas) *Smoothing results for integrable equations*

## Wednesday

**09.30-10.20:** Aynur Bulut (University of Michigan) *Negative energy blowup for the focusing Hartree hierarchy via identities of virial and localized virial type*

**10.50-11.40:** Edriss Titi (Texas A&M University and Weizmann Institute of Science) *Is dispersion a stabilizing or destabilizing mechanism?*

**Date :** July 11-13, 2016

**Place :** IMBM Seminar Room, Boğaziçi University South Campus

For more information please visit <http://www.imbm.org.tr/ndpde16/ndpde16.html>.