

# Applied mathematics seminars 2009/2010

<b>Date</b>	<b>Time/Place</b>	<b>Speaker</b>	<b>Title</b>
Wed 30 Sep 2009	14:00 in W1.90	<i>A.G. Ramm (Kansas State)</i>	Creating materials with a desired refraction coefficient
Wed 21 Oct 2009	14:00 in W1.90	<i>Ira Didenkulova (Tallinn Technical University, Estonia and University of Sheffield)</i>	Analytical theory of long wave runup on a beach
Wed 11 Nov 2009	14:00 in W1.90	<i>Roger Grimshaw (Loughborough)</i>	The transformation of solitary waves by background rotation
Wed 18 Nov 2009	13:00 in W1.90	<i>Dirk Hennig (Portsmouth)</i>	When it helps to be purely Hamiltonian: Acceleration of rare events
Wed 25 Nov 2009	14:00 in W1.90	<i>Tatiana Talipova (Institute Applied Physics, Nizhny Novgorod)</i>	Transformation of Large Amplitude Surface and Interfacial Solitary Waves at a Bottom Step
Wed 9 Dec 2009	14:00 in W0.03	<i>Gavin Esler (UCL)</i>	Dispersive dam breaks and lock exchanges in a two-layer fluid

Wed 27 Jan 2010	14:00 in W1.90	<i>Bernard Deconinck (University of Washington, Seattle)</i>	The instabilities of surface water waves
Wed 3 Feb 2010	14:00 in W005b	<i>William Parnell (University Manchester)</i>	How to tell austenite from your elbow: What homgenization can do for you ...
Wed 10 Feb 2010	14:00 in W1.90	<i>Tanniemola Liverpool (Bristol)</i>	Soft active matter - from microscopics to hydrodynamics
Wed 24 Feb 2010	14:00 in W005a	<i>A.S. Topolnikov (Ufa, Russia)</i>	Amplification of pressure waves during their interaction with a bubbly liquid
Wed 24 Mar 2010	14:00 in W005a	<i>Vladimir Vladimirov (University York)</i>	Motion of admixture in oscillating flows
Wed 5 May 2010	14:00 in W190	<i>B. Prinari (Colorado Springs, USA)</i>	Inverse Scattering Transform for the Multicomponent Nonlinear Schrodinger Equations under Non-Vanishing Boundary Conditions
Wed 12 May 2010	14:00 in W1.90	<i>Vladimir Matveev (University Bourgogne, Dijon, France)</i>	30 years of Darboux transformation method for integrable PDEs

and their  
difference  
versions.