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School/Workshop on Wave Dynamics: Turbulent vs Integrable Effects | (smr 3869)

Tuesday 29 August 2023

- Kastler Lecture Hall (AGH) (09:00-17:40)

time	title	presenter
09:00	Introduction to the analysis of integrable PDEs when the number of solitons goes to infinity, with an aim towards analytical and computational research projects - Part I	KENNETH MCLAUGHLIN (TULANE UNIVERSITY, USA), ROBERT JENKINS (UNIVERSITY OF CENTRAL FLORIDA, USA)
10:30	Coffee break	
11:00	Some recent developments in wave turbulence theory 1	GIGLIOLA STAFFILANI
12:30	Lunch break	
14:30	Inverse spectral theory for the periodic defocusing Zakharov-Shabat problem and inverse scattering transform for the periodic defocusing nonlinear Schrodinger equation	GINO BIONDINI
15:20	Quasi-periodic steady invariant structures in incompressible fluids	LUCA FRANZOI
16:10	Break	
16:30	3 Minutes talks	