

Conference programme „Recent advances in non-local and non-linear analysis“, June 10 - 14, 2014, ETH Zurich, HG G 3

	Tuesday, June 10	Wednesday, June 11	Thursday, June 12	Friday, June 13	Saturday, June 14
08:00					
	08:45 - 09:30				
09:00	Registration HG G 69 (Common Room)	09:00 - 10:00 Gilles Lebeau Strichartz estimates for waves inside a strictly convex domain	09:00 - 10:00 Robert V. Kohn Prediction without probability: a PDE approach to a model problem from (...)		09:00 - 10:00 Michael I. Weinstein Honeycomb structures, Dirac Points and Edge States
	09:30 - 10:30 Alexander Volberg The description of removable sets for Lipschitz solutions of (...)				
10:00		Coffee break (Common Room)	Coffee break (Common Room)	10:00 - 11:00 Luis Caffarelli A non local segregation problem	Coffee break (Common Room)
	10:45 - 11:45 Giuseppe Rosario Mingione Nonlocal self-improving properties	10:30 - 11:30 Kay Kirkpatrick Fractional Schrodinger dynamics and decoherence	10:30 - 11:30 Enno Lenzmann Minimal Mass Blowup for Nonlocal Dispersion		10:30 - 11:30 Francis Nier Phase-space approach to the bosonic mean field dynamics : a review
11:00				Coffee break (Common Room)	
		11:45 - 12:45 Gunther Uhlmann Boundary Rigidity with Partial Data	11:45 - 12:45 Rupert Frank Uniqueness of radial solutions for the fractional Laplacian	11:30 - 12:30 Hoai Minh Nguyen Estimates for the topological degree and related problems	11:45 - 12:45 Israel Michael Sigal Magnetic Vortices, Nielsen-Olesen - Nambu strings and automorphic functions
12:00					
13:00					
14:00	14:30 - 15:30 Xavier Ros-Oton The Pohozaev identity for the fractional Laplacian		14:15 - 15:15 Armin Schikorra Integro-Differential harmonic maps	14:15 - 15:15 Guillaume Bal Some over-determined systems of PDEs with applications in medical imaging	
15:00	Coffee break (Common Room)		Coffee break (Common Room)	Coffee break (Common Room)	
16:00	16:00 - 17:00 Andrea Malchiodi A variational approach to Liouville Equations		15:45 - 16:45 Cyril Imbert A non-local porous medium equation	15:45 - 16:45 Svitlana Mayboroda Localization of eigenfunctions and associated free boundary problems	
17:00	Apéro (welcome drinks and snacks) HG G 69 (Common Room)		17:00 - 18:00 Jean-Michel Roquejoffre Acceleration of reaction-diffusion fronts by a line of fast diffusion	17:00 - 18:00 Enrico Valdinoci Dislocation dynamics in crystals	
18:00			Conference dinner		