Programme “PDEs and Geometric Measure Theory”
29 October - 2 November 2018

	Monday (G60 / E3)	Tuesday (E3)	Wednesday (E3)	Thursday (E3)	Friday (F30)
08:30			08:30 - 09:30 **(E3)** **Alberto Enciso** The evolution of some geometric structures under the Euler and Navier-Stokes equations		
09:00	09:30 - 10:30 **(G60)** **Registration & Coffee**	09:00 - 10:00 **(E3)** **Manuel del Pino** Gluing methods for Vortex dynamics in Euler flows	09:30 - 10:00 **Coffee break**	09:00 - 10:00 **(E3)** **Nikolai Nadirashvili** Isoperimetric inequalities for spectrum of Laplacian on surfaces	09:00 - 10:00 **(F30)** **Camillo de Lellis** A critical Hoelder exponent for isometric embeddings
10:00	10:30 - 11:30 **(G60)** **Luigi Ambrosio** Semigroups and Geometric Measure Theory	10:00 - 10:30 **Coffee break** 10:30 - 11:30 **(E3)** **Emanuele Spadaro** tba	10:00 - 11:00 **(E3)** **Lia Bronsard** Droplet breakup in the liquid drop model with background potential	10:00 - 10:30 **Coffee break** 10:30 - 11:30 **(E3)** **Svitlana Mayboroda** Harmonic measure for lower dimensional sets	10:00 - 10:30 **Coffee break** 10:30 - 11:30 **(F30)** **Xavier Cabré** A gradient estimate for nonlocal minimal graphs
11:00	11:30 - 12:30 **(G60)** **Maria J. Esteban** Magnetic interpolation inequalities in dimensions 2 and 3	11:30 - 12:30 **(E3)** **Jean-Christophe Mourrat** Energy methods for the kinetic Fokker-Planck equation	11:00 - 12:00 **(E3)** **David Jerison** The Two Hyperplane Conjecture	11:30 - 12:30 **(E3)** **Joel Spruck** Complete translating solitons in R^3 with nonnegative mean curvature	11:30 - 12:30 **(F30)** **Luis Caffarelli** Non local equations in deforming media
12:00					
13:00					
14:00	14:00 - 15:00 **(E3)** **Rowan Killip** Invariance of white noise under KdV	14:00 - 15:00 **(E3)** **Xavier Tolsa** The weak-A_∞ condition for harmonic measure: geometric characterization of the L^p solvability of the Dirichlet		14:00 - 15:00 **(E3)** **Kelei Wang** Second order regularity of transition layers in Allen-Cahn equation	
15:00	15:00 - 15:30 **Coffee break** 15:30 - 16:30 **(E3)** **Filip Rindler** Theme variations on div μ = σ	15:00 - 15:30 **Coffee break** 15:30 - 16:30 **(E3)** **Inwon Kim** Head and Tail speed of Mean curvature flow with forcing		15:00 - 15:30 **Coffee break** 15:30 - 16:30 **(E3)** **Felix Otto** The thresholding scheme for mean curvature flow and De Giorgi’s ideas	
16:00	16:30 - 17:30 **(E3)** **Henrik Shah Gholian** From fluid flow in cones to boundary Harnack for PDEs with RHS	16:30 - 17:30 **(E3)** **Fanghua Lin** Liquid Crystal Droplets and Sharp Interface Models			
17:00	17:30 - 19:00 **Reception (Dozentenfoyer)**				
18:00			18:30 **Conference Dinner** **Haus zum Rüden**		