

PROGRAM OF THE ONLINE MINI-COURSES 2020

14-17 September

The timetable is written according to Italian time. Mini-courses are in boldface.

Monday 14 September	
14.20 – 14.30	Welcome message
14.30 – 15.15	Simon Chandler-Wilde - University of Reading, UK. <i>Sobolev spaces, integral equations, and scattering on non-Lipschitz and fractal sets</i>
15.25 – 16.10	Vitaly Moroz - University of Swansea, UK. <i>Positivity principles and decay of solutions in semilinear elliptic problems</i>
16.20 – 17.00	Vladimir Mityushev - University of Krakow, Poland. <i>Method of complex potential in the theory of composites</i>
17.05 – 17.30	Ritva Hurri-Syrjänen - University of Helsinki, Finland. <i>Embeddings into Orlicz spaces for functions defined in irregular domains</i>
17.35 – 18.00	Jianjun Zhang - Chongqing Jiaotong University, Chongqing, China, <i>Bounds for best constants in subcritical Sobolev embeddings</i>

Tuesday 15 September	
14.30 – 15.15	Simon Chandler-Wilde - University of Reading, UK. <i>Sobolev spaces, integral equations, and scattering on non-Lipschitz and fractal sets</i>
15.25 – 16.10	Vitaly Moroz - University of Swansea, UK. <i>Positivity principles and decay of solutions in semilinear elliptic problems</i>
16.20 – 17.00	Tatiana Suslina - St. Petersburg State University, Russia. <i>Homogenization of the stationary Maxwell system with periodic coefficients</i>
17.05 – 17.30	Francesca Anceschi - Università degli Studi di Modena e Reggio Emilia, Italy. <i>On the Kolmogorov operator, Weak regularity theory and applications</i>
17.35 – 18.00	Simone Dovetta - Istituto di Matematica Applicata e Tecnologie Informatiche "E. Magenes" Consiglio Nazionale delle Ricerche, Pavia, Italy. <i>Uniqueness and non-uniqueness of prescribed mass NLS ground states on metric graphs</i>
18.05 – 18.30	Victor I. Burenkov - Peoples' Friendship University of Russia (RUDN), Moscow, Russia. <i>Interpolation theorems for nonlinear operators in general Morrey-type spaces</i>

Wednesday 16 September	
14.30 – 15.15	Simon Chandler-Wilde - University of Reading, UK. <i>Sobolev spaces, integral equations, and scattering on non-Lipschitz and fractal sets</i>
15.25 – 16.10	Vitaly Moroz - University of Swansea, UK. <i>Positivity principles and decay of solutions in semilinear elliptic problems</i>

16.20 – 17.00	Anatoly Golberg - Holon Institute of technology, Israel. <i>Homeomorphisms of finite metric distortion between Riemannian manifolds</i>
17.05 – 17.30	Gloria Paoli - Università di Napoli Federico II, Italy. <i>A quantitative Weinstock inequality for convex sets.</i>
17.35 – 18.00	Gianpaolo Piscitelli - Università di Cassino e del Lazio Meridionale, Italy. <i>Sharp estimates for the first p-Laplacian eigenvalue and for the p-torsional rigidity on domain with holes</i>
18.05 – 18.30	Rossano Sannipoli - Università di Napoli Federico II, Italy. <i>A stability result for the steklov laplacian eigenvalue problem with a spherical obstacle.</i>

Thursday 17 September	
14.30 – 15.15	Simon Chandler-Wilde - University of Reading, UK. <i>Sobolev spaces, integral equations, and scattering on non-Lipschitz and fractal sets</i>
15.25 – 16.05	Olaf Post - University of Trier, Germany. <i>Some old and new results about norm resolvent convergence</i>
16.15 – 17.00	Vitaly Moroz - University of Swansea, UK. <i>Positivity principles and decay of solutions in semilinear elliptic problems</i>
17.10 – 17.35	Vladimir Gol'dshtein - Ben Gurion University, Beer Sheva, Israel. <i>Composition operators on Sobolev spaces and Ball's classes.</i>
17.40 – 18.05	Alexander Ukhlov - Ben Gurion University, Beer Sheva, Israel. <i>Sobolev extension operators in cusp domains</i>
18.10 – 18.35	Riccardo Molinarolo - Università di Napoli Federico II, Italy. <i>Existence and uniqueness for a dynamic debonding model in dimension two.</i>