PROGRAM OF THE MINI-COURSES 2014
23-27 June

Mini-courses are in boldface

Monday 23 June	Room LuF1
9.00 – 9.10	Welcome message
9.15 – 10.00	**Juan Casado-Díaz -** University of Seville, Spain. *An introduction to the homogenization of elliptic problems in varying domains*
10.10 – 11.10	**Manuel Ritoré -** University of Granada, Spain. *Isoperimetric inequalities*
11.10 – 11.35	Coffee Break
11.35 – 12.20	**Izabella Laba** - University of British Columbia, Vancouver, Canada. *Harmonic analysis and geometric properties of fractals*
12.30 – 13.15	**Sergei Nazarov -** Russian Academy of Sciences, St.Petersburg, Russia. *Singular junctions of thin Neumann and Dirichlet tubes. Dimension reduction and one-dimensional models*

Tuesday 24 June	Room LuF1
9.15 – 10.00	**Juan Casado-Díaz -** University of Seville, Spain. *An introduction to the homogenization of elliptic problems in varying domains*
10.10 – 11.10	**Manuel Ritoré -** University of Granada, Spain. *Isoperimetric inequalities*
11.10 – 11.35	Coffee Break
11.35 – 12.20	**Izabella Laba** - University of British Columbia, Vancouver, Canada. *Harmonic analysis and geometric properties of fractals*
12.30 – 13.15	**Sergei Nazarov -** Russian Academy of Sciences, St.Petersburg, Russia. *Singular junctions of thin Neumann and Dirichlet tubes. Dimension reduction and one-dimensional models*
	Lunch
15.00 – 15.30	Manuel Villanueva-Pesqueira – Complutense University, Madrid, Spain - *Homogenization in locally periodic thin domains with varying period*
15.30 – 16.00	Mirela Kohr – Babes Bolyai University, Romania – *Boundary value problems of Robin-transmission type for the nonlinear Darcy-Forchheimer-Brinkman and Navier-Stokes systems. applications*
16.00 – 16.30	Gabriela Kohr – Babes Bolyai University, Romania – *The generalized Loewner differential equation associated to univalent subordination chains in C^n and complex banach spaces. Applications*
16.30 – 17.00	Ali Akbulut – Ahi Evran University, Kırşehir, Turkey – *Commutators of Marcinkiewicz integrals associated with Schrödinger operator on generalized weighted Morrey spaces*
17.00 – 17.30	Ermal Feleqi – Università di Padova – *A set-valued iterated Lie bracket*

Wednesday 25 June	Room LuF1
9.15 – 10.00	**Juan Casado-Díaz -** University of Seville, Spain. *An introduction to the homogenization of elliptic problems in varying domains*
10.10 – 11.10	**Manuel Ritoré -** University of Granada, Spain. *Isoperimetric inequalities*
11.10 – 11.35	Coffee Break
11.35 – 12.20	**Izabella Laba** – University of British Columbia, Vancouver, Canada. *Harmonic analysis and geometric properties of fractals*
12.30 – 13.15	**Sergei Nazarov -** Russian Academy of Sciences, St.Petersburg, Russia. *Singular junctions of thin Neumann and Dirichlet tubes. Dimension reduction and one-dimensional models*
Lunch	
15.40 – 17.15	Excursion: Visit at Palazzo Bo' (meeting at the entrance of the Department of Mathematics, Via Trieste 63, ground floor)
21.00	Concert at Sala dei Giganti, Piazza Capitaniato (meeting in front of room LuF1 at 20.30)

Thursday 26 June	Room LuF1
9.15 – 10.00	**Juan Casado-Díaz -** University of Seville, Spain. *An introduction to the homogenization of elliptic problems in varying domains*
10.10 – 11.10	**Manuel Ritoré -** University of Granada, Spain. *Isoperimetric inequalities*
11.10 – 11.35	Coffee Break
11.35 – 12.20	**Izabella Laba** – University of British Columbia, Vancouver, Canada. *Harmonic analysis and geometric properties of fractals*
12.30 – 13.15	**Sergei Nazarov -** Russian Academy of Sciences, St.Petersburg, Russia. *Singular junctions of thin Neumann and Dirichlet tubes. Dimension reduction and one-dimensional models*
Lunch	
15.00 – 15.30	Gian Maria Dall'Ara – Scuola Normale Superiore, Pisa – *Uncertainty principle via isoperimetric inequalities*
15.30 – 16.00	Fedor Bakhrev – Russian Academy of Sciences, St.Petersburg – Russia. TBA
16.00 - 16.30	Erlan Nursultanov – Lomonosov Moscow State University (Kazakh Branch) and Gumilyov Eurasian National University – *Interpolation methods for stochastic processes spaces*
16.30 – 17.00	Sergei Tikhonov – ICREA, Institució Catalana de Recerca i Estudis Avançats, Barcelona, Spain – *Weighted norm inequalities for convolution and Riesz potential*
17.00 – 17.30	Vagif Guliyev - Ahi Evran University, Turkey - *Boundedness of maximal and singular operators on generalized weighted Orlicz-Morrey spaces*
17.30 – 18.00	Diana Chigambayeva – Gumilyov Eurasian National University, Astana, Kazakhstan – *General interpolation theorem for function spaces*

20.00	Social Dinner (meeting at the entrance of the Department of Mathematics, Via Trieste 63, ground floor)

Friday 27 June	Room LuF1
9.15 – 10.00	**Juan Casado-Díaz -** University of Seville, Spain. *An introduction to the homogenization of elliptic problems in varying domains*
10.10 – 10.55	**Izabella Laba** – University of British Columbia, Vancouver, Canada. *Harmonic analysis and geometric properties of fractals*
10.55 – 11.20	Coffee break
11.20 – 12.05	**Sergei Nazarov -** Russian Academy of Sciences, St.Petersburg, Russia. *Singular junctions of thin Neumann and Dirichlet tubes. Dimension reduction and one-dimensional models*

VENUE: Mini-course will be held in **Room LuF1 located in Via Luzzatti n. 8**. How to reach room LuF1 from the entrance of the Department of Mathematics (Via Trieste 63): exit tower A (which carries the street no. 63), reach the cross road which you see just before the curve of Via Trieste with Via Bassi, cross the road and go up on the channel argin, cross the pedestrian bridge, cross the road, walk through the gate, continue walking straight to the next gate, cross the gate, cross the road and continue straight into Via Paolotti, walk in Via Paolotti till you meet via Luzzatti on your left. Turn left into via Luzzatti, walk for 50 m., turn right: you see a small yellow building, enter the building, where you can find the room LuF1.