

# PROGRAM OF THE MINI-COURSES 2011

Mini-courses are in boldface

<b>Monday 13 June</b>	Room LuF1
9.00 – 9.10	Welcome message
9.15 – 10.00	<b>Ana Vargas</b>
10.10 – 10.55	<b>Giuseppe Savaré</b>
11.05 – 11.50	<b>Christian E. Gutiérrez</b>
12.00 – 12.30	Gian Maria Dall'Ara – Scuola Normale Superiore, Pisa, Italy - <i>Algebras of singular integral operators on nilpotent lie groups</i>
12.30 – 13.00	Út V. Lé – University of Oulu, Finland - <i>A nonlinear wave equation a memory boundary-like antiperiodic condition</i>
lunch	
15.30 – 16.00	Mihaela Dobrescu – Christopher Newport University, US - <i>Finite reflection groups and sampling</i>
16.00 – 16.30	Mirela Kohr - Babes Bolyai University, Romania - <i>Potential analysis for some pseudodifferential matrix type operators in Lipschitz domains on Riemannian manifolds. Applications</i>
16.30 – 17.00	Serhii V. Gryshchuk - Università di Padova - <i>Algebraic-analytic approach to the biharmonic equation</i>

<b>Tuesday 14 June</b>	Room LuF1
9.15 – 10.00	<b>Ana Vargas</b>
10.10 – 10.55	<b>Giuseppe Savaré</b>
11.05 – 11.50	<b>Christian E. Gutiérrez</b>
12.00 – 12.45	Peter Lindqvist – University of Science and Technology, Trondheim, Norway - <i>Thoughts about the infinity- eigenvalue problem</i>
Lunch	
15.30 – 16.00	Gabriela Kohr - Babes Bolyai University, Romania - <i>Loewner chains and the Loewner differential equation in several complex variables.</i>
16.00 – 16.30	Noris Benedetta - Università Milano Bicocca, Italy - <i>The Alt-Caffarelli-Friedman monotonicity formula and an application</i>
16.30 – 17.00	Virginia Agostiniani, SISSA, Italy - <i>Second order approximations of quasistatic evolution problems in nite dimension</i>
17.00 – 17.30	Ermal Feleqi, Università di Padova - <i>Stability bounds for the spectral subspaces of the Dirichlet Laplacian under domain perturbation</i>

<b>Wednesday 15 June</b>	Room LuF1
9.15 – 10.00	<b>Ana Vargas</b>
10.10 – 10.55	<b>Giuseppe Savaré</b>
11.05 – 11.50	<b>Christian E. Gutiérrez</b>
12.00 – 13.15	<b>Antoine Henrot</b>
Lunch	
15.30 – 16.00	Roland Duduchava - Academy of Sciences of Georgia - <i>Continuation of functions from a hypersurface with the boundary</i>
16.00 – 16.30	Matteo Dalla Riva, CIDMA, Aveiro, Portugal, <i>Real analytic families of harmonic functions in a domain with a small hole, part 1</i>
16.30 – 17.00	Paolo Musolino, Università di Padova, <i>Real analytic families of harmonic functions in a domain with a small hole, part 2</i>

<b>Tuesday 16 June</b>	Room LuF1
9.15 – 10.00	<b>Ana Vargas</b>
10.10 – 10.55	<b>Giuseppe Savaré</b>
11.05 – 11.50	<b>Christian E. Gutiérrez</b>
12.00 – 13.15	<b>Antoine Henrot</b>
Lunch	
14.30 – 16.30	Visit at PalazzoBo' (meeting at the entrance of the Department of Mathematics, Via Trieste 63, ground floor)
16.45 – 17.30	Sergiy A. Plaksa, University of Kiev, Ukraine, <i>Commutative algebras associated with classic equations of mathematical physics</i>

<b>Friday 17 June</b>	Room LuF1
9.15 – 10.00	<b>Ana Vargas</b>
10.10 – 10.55	<b>Giuseppe Savaré</b>
11.05 – 11.50	<b>Christian E. Gutiérrez</b>
12.00 – 13.15	<b>Antoine Henrot</b>

**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.