PROGRAM OF THE MINI-COURSES 2019
24-28 June

Mini-courses are in boldface

Monday 24 June	Room P4
9.05 – 9.15	Welcome message
9.15 – 10.00	**Aníbal Rodríguez-Bernal -** Universidad Complutense de Madrid, Spain. *Dissipative mechanisms and asymptotic behavior of semilinear parabolic problems in R^N*
10.10 – 10.55	**Joachim Stubbe -** EPFL - École Polytechnique Fédérale de Lausanne, Switzerland. *Spectral inequalities from sum rules with applications to matrices and partial differential operators*
10.55 – 11.20	Coffee Break
11.20 – 11.50	Sergei Rogosin, Belarusian State University, Minsk, Belarus. *On solution to R-linear conjugation problem for the unit disc.*
11.50 – 12.20	Victor Burenkov, RUDN – People's Friendship University of Russia, Moscow, Russia. *Marcinkiewicz-type interpolation theorem for Morrey-type spaces.*

Tuesday 25 June	Room P4
9.15 – 10.00	**Aníbal Rodríguez-Bernal -** Universidad Complutense de Madrid, Spain**.** *Dissipative mechanisms and asymptotic behavior of semilinear parabolic problems in R^N*
10.10 – 10.55	**Joachim Stubbe -** EPFL - École Polytechnique Fédérale de Lausanne, Switzerland. *Spectral inequalities from sum rules with applications to matrices and partial differential operators*
10.55 – 11.20	Coffee Break
11.20 – 12.05	**Tuomas Hytönen** - University of Helsinki, Finland. *Sparse operators and singular integrals*
Lunch	
14.30 – 15.00	Mario Stipčić - University of Zagreb, Croatia. *Characterization of boundedness of singular integral forms associated with hypergraphs.*
15.00 – 15.30	Emmanouil Milakis - University of Cyprus, Cyprus - *On the continuity of the time derivative in obstacle type problems*
15.30 – 16.00	Valentina Casarino – University of Padova, Italy - *On the maximal operator of a general Ornstein–Uhlenbeck semigroup.*
16.00 – 16.30	Gian Maria Dall'Ara – University of Vienna, Austria - *Szegö projections on real hypersurfaces containing complex curves.*
16.30 – 17.00	Peter Sjögren – Univerity of Gothenborg, Sweden *Sharp estimates of the spherical heat kernel.*
17.00 – 17.30	Roberto Bramati – Univeristy of Padova, Italy - *A family of sharp inequalities on real spheres*

Wednesday 26 June	Room P4
9.15 – 10.00	**Aníbal Rodríguez-Bernal -** Universidad Complutense de Madrid, Spain**.** *Dissipative mechanisms and asymptotic behavior of semilinear parabolic problems in R^N*
10.10 – 10.55	**Joachim Stubbe -** EPFL - École Polytechnique Fédérale de Lausanne, Switzerland. *Spectral inequalities from sum rules with applications to matrices and partial differential operators*
10.55 – 11.20	Coffee Break
11.20 – 12.05	**Tuomas Hytönen** - University of Helsinki, Finland. *Sparse operators and singular integrals*
Lunch	
15.20 – 17.30	Excursion: Visit at Palazzo Bo' (meeting in front of Room P4)

Thursday 27 June	Room P4
9.15 – 10.00	**Aníbal Rodríguez-Bernal -** Universidad Complutense de Madrid, Spain**.** *Dissipative mechanisms and asymptotic behavior of semilinear parabolic problems in R^N*
10.10 – 10.55	**Joachim Stubbe -** EPFL - École Polytechnique Fédérale de Lausanne, Switzerland. *Spectral inequalities from sum rules with applications to matrices and partial differential operators*
10.55 – 11.20	Coffee Break
11.20 – 12.05	**Tuomas Hytönen** - University of Helsinki, Finland. *Sparse operators and singular integrals*
Lunch	
14.30 – 15.00	Kanguzhin Baltabek - Al-Farabi Kazakh National University, Almaty, Kazakhstan - *Influence of boundary perturbations on a Jordan-cell structure of differential operators.*
15.00 – 15.30	Douadi Drihem - M'sila University - Algeria. *Function spaces with general weights*
15.30 - 16.00	Zakaria Fattah - Moulay Ismail University, Morocco - *Minimization of the eigenvalues of the laplacian with dirichlet conditions among sets of constant diameter.*
16.00 – 16.30	Elisa Affili - University of Milano, Italy - *Decay estimates in evolution equations with classical and fractional time-derivatives.*
16.30 – 17.00	Riccardo Molinarolo - Aberystwyth University, UK - *Existence results for a nonlinear nonautonomous trasmission problem via domain perturbation*
20	Social Dinner at the restaurant "Nane della Giulia" Via Santa Sofia 1 (people are expected to go directly to the restaurant)

Friday 28 June	Room P4
9.15 – 10.00	**Aníbal Rodríguez-Bernal -** Universidad Complutense de Madrid, Spain**.** *Dissipative mechanisms and asymptotic behavior of semilinear parabolic problems in R^N*
10.10 – 10.55	**Joachim Stubbe -** EPFL - École Polytechnique Fédérale de Lausanne, Switzerland. *Spectral inequalities from sum rules with applications to matrices and partial differential operators*
10.55 – 11.20	Coffee break
11.20 – 12.05	**Tuomas Hytönen** - University of Helsinki, Finland. *Sparse operators and singular integrals*
12.15 – 13.00	**Tuomas Hytönen** - University of Helsinki, Finland. *Sparse operators and singular integrals*

VENUE: Mini-course will be held in **Room P4, located on the 2nd floor of Edificio Paolotti, Via Paolotti 2/a**. How to reach room P4 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 junction 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 the end of the street where you find on the left a big building with a green gate and a long front porch: that is Edificio Paolotti. Enter the door located at the very end of the front porch and proceed to the second floor where you find Room P4.