

Session 6, Classical and Harmonic Analysis

Wednesday 18, Room 209

- 15:30–16:00 **Some recent results about bilinear pseudodifferential operators**
Rodolfo Torres
- 16:00–16:30 **On the Carleson Hunt theorem in classical Fourier analysis**
Camil Muscalu
- 16:30–17:00 **The Boundedness of the Hilbert transform along vector fields**
Sanja Hukovic
- 17:30–18:00 **Bilipschitz maps, analytic capacity, and the Cauchy integral**
Xavier Tolsa
- 18:00–18:30 **Bellman functions and continuous problems**
Stefanie Petermichl
- 18:30–19:00 **Beltrami-type operators and geometry of curves**
María José González

Thursday 19, Room 209

- 11:30–12:00 **A multiparameter version of the Coifman-Meyer multilinear theorem**
Jill Pipher
- 12:00–12:30 **L^p bounds for Riesz transforms and square roots associated to second order elliptic operators**
José María Martell Berrocal
- 12:30–13:00 **Dyadic models for the equations of fluid motion**
Natasa Pavlovic
- 13:00–13:30 **On the Fatou theorem for non-linear equations on trees**
José González Llorente
- 15:30–16:00 **Mapping properties of the elliptic maximal function**
Mehmet Burak Erdogan
- 16:00–16:30 **Mixed norm inequalities for directional operators and K -plane transforms**
Osane Orue-Echevarría Fernández de la Peña
- 16:30–17:00 **An almost-orthogonality principle for directional maximal functions**
María Angeles Alfonseca Cubero
- 17:30–18:00 **Variants of the Erdos and Falconer distance problems**
Alex Iosevich
- 18:00–18:30 **B -convex and K -convex operator spaces**
Javier Parcet Hernández

Friday 20, Room 209

- 10:30–11:00 **Maximal function estimates for the KP-I equation**
Sarah Ziesler
- 11:00–11:30 **A maximal operator associated to space curves**
Malabika Pramanik
- 11:30–12:00 **Estimates for oscillatory integrals and the Schrodinger equation**
Giacomo Gigante
- 12:00–12:30 **Weighted inequalities for the Fourier extension operator**
Jonathan Bennett
- 12:30–13:00 **Weighted estimates for elliptic systems in Lipschitz domains**
Zhongwei Shen
- 13:00–13:30 **On the Calderón-Zygmund Principle for some singular integral operators**
Rodrigo Trujillo González

Saturday 21, Room 209

- 09:30–10:00 **Large solutions for Yamabe and similar problems on domains in Riemannian manifolds**
Martin Dindos
- 10:00–10:30 **Signed Riesz capacities**
Joan Mateu
- 10:30–11:00 **Some applications of large sieve**
Fernando Chamizo Lorente