

Session 19, Homological methods in Banach space theory

Wednesday 18, Room 210

- 15:30–16:00 **Representations of the dual of a Banach space**
Manuel González Ortiz
- 16:00–16:30 **Local complementation on Banach spaces and some applications**
Ricardo García González
- 16:30–17:00 **Domination by strictly singular and co-singular operators**
Francisco L. Hernández Rodríguez
- 17:30–18:30 **An extension of the Krein-Smulian theorem**
Antonio Suárez Granero
- 18:30–19:00 **Convex sets which are intersections of closed balls**
José Pedro Moreno Díaz
- 19:00–20:00 **A perturbative characterization for non-convergent martingale preserving operators**
Javier Pello García

Thursday 19, Room 210

- 11:30–12:30 **On the splitting of long exact sequences**
Pawel Domanski
- 12:30–13:30 **Nonlinear centralizers in homology, with applications**
Félix Cabello Sánchez
- 15:30–16:30 **On the Pelczynski-Lindenstrauss-Rosenthal-Johnson-Kalton-Zippin cycle of ideas (A homological vision of the hexagonal garden)**
Jesús M. F. Castillo
- 16:30–17:00 **On the Lindenstrauss-Rosenthal theorem**
Yolanda Moreno Salguero
- 17:30–18:30 **Stochastic approximation properties in Banach spaces**
William Johnson

Friday 20, Room 210

- 11:30–12:30 **Lipschitz quotients and metric trees**
Joram Lindenstrauss
- 12:30–13:30 **Uniform liftings of quotient maps**
Nigel Kalton

Saturday 21, Room 210

- 09:30–10:00 **A local property of projections' norms and its applications**
Mordecai Zippin
- 10:00–10:30 **Existence of Hermitian operators on finite-dimensional Banach spaces: geometrical consequences**
Miguel Martín Suárez
- 10:30–11:00 **Zeros of quadratic functionals on nonseparable Banach space**
Anatolij Plichko