

Session 21, Interpolation Theory, Function Spaces and Applications

Wednesday 18, Room 207

- 19:00–19:30 **The Gustavsson-Peetre method for several Banach spaces**
Pedro Fernández Martínez
- 19:30–20:00 **Complex interpolation, minimal methods and compact operators**
Antonio Martínez Martínez

Thursday 19, Room 207

- 11:30–12:00 **Recent theorems on interpolation of operators**
Ronald DeVore
- 12:00–12:30 **Entropy function spaces**
Joan Cerdà Martín
- 12:30–13:00 **Smoothness spaces and multiresolution analysis with redundant basis elements**
Robert C. Sharpley
- 13:00–13:30 **Weighted L^p estimates for classical operators using analytic families of operators**
María Jesús Carro Rossell
- 15:30–16:00 **Optimal domains for the kernel operator associated with Sobolev's inequality**
Guillermo Curbera Costello
- 16:00–16:30 **An axiomatic approach to function spaces and spectral synthesis**
Lars Inge Hedberg
- 16:30–17:00 **Form boundedness of Schrödinger operators and related function spaces**
Igor Verbitsky
- 17:30–18:00 **Inclusion indices of function spaces and applications**
Luz M. Fernández-Cabrera Marín
- 18:00–18:30 **Interpolation properties of a scale of spaces**
Elijah Liflyand
- 18:30–19:00 **St. Louis interpolation method and weak compactness**
Andrzej Kryczka

Saturday 21, Room 207

- 09:00–09:30 **Best possible compactness results of Lions–Peetre type for N -tuples**
Raúl Romero Martín
- 09:30–10:00 **Compactness of certain Hardt-type operators**
Pankaj Jain
- 10:00–10:30 **Interpolation of entropy function spaces**
Joaquín Martín Pedret
- 10:30–11:00 **Interpolation by J- and K-methods of certain closed operator ideals**
Antonio Manzano Rodríguez