



DVR 0065528

ESI Workshop on "Operator Related Function Theory" March 26 - 30, 2012

Organized by: Alexandru Aleman and Kristian Seip

• Monday, March 26 08:30 - 09:20: Registration 09:30 - 10:10: Michael T. Lacey On the two weight inequality for the Hilbert transform 10:20 – 11:00: Gady Kozma Menshov and Privalov **11:00 – 11:20:** coffee break 11:20 – 12:00: Yurii Belov There is no linear summation method for arbitrary formal Fourier series from exponentials 12:00 – 14:00: lunch 14:00 – 14:40: Jan-Fredrik Olsen Decay estimates for the Balian-Low theorem **14:50 – 15:30:** Maria Carmen Reguera Sharp Békollé estimates for the Bergman projection 15:50 – 16:30: Alfonso Montes-Rodríguez Fourier uniqueness sets and the Klein-Gordon equation • Tuesday, March 27 09:30 – 10:10: Alexander Vasiliev Loewner evolution and integrable systems 10:20 – 11:00: Daniel Girela Mean Lipschitz spaces and generalized Hilbert operators 11:00 – 11:20: coffee break 11:20 – 12:00: Håkan Hedenmalm The random normal matrix ensemble and its polyanalytic generalization **12:00 – 14:00:** lunch 14:00 – 14:40: Eero Saksman Interpolation of L^p -spaces with complex exponents p, and rotation of quasiconformal maps 14:50 – 15:30: Eugenia Malinnikova Boundary behavior of harmonic functions in growth spaces 15:50 – 16:30: Alexander Borichev Small polyharmonic functions

Wednesday, March 28
09:30 - 10:10: William Ross Reverse Carleson embeddings for model spaces
10:20 - 11:00: Anton Baranov Completeness of rank one perturbations of selfadjoint operators
11:00 - 11:20: coffee break
11:20 - 12:00: Alexei Poltoratski Bernstein's Problem on Weighted Polynomial Approximation
12:00 - 14:00: lunch
14:00 - 14:40: Carl Sundberg Approximation by Shifts on Finite Intervals
14:50 - 15:30: Stefan Richter Cyclic vectors in the Drury-Arveson space
15:50 - 16:30: Dragan Vukotic An overview of certain extremal problems in classical spaces of analytic functions

• Thursday, March 29

09:30 – 10:10: Catalin Badea *K-spectral sets*10:20 – 11:00: Sophie Griveaux *Non-recurrence sets for weakly mixing linear dynamical systems*11:00 – 11:20: coffee break
11:20 – 12:00: John Conway *Powers and Direct Sums of Operators*12:00 – 14:00: lunch
14:00 – 14:40: Hervé Queffélec *Lens maps and composition operators*14:50 – 15:30: Frédéric Bayart *Composition operators on the polydisk induced by affine maps*15:50 – 16:30: Nicola Arcozzi *About interpolating sequences for the Dirichlet space*

• Friday, March 30

09:30 – 10:10: Sandra Pott
On Toeplitz products on Bergman space
10:20 – 11:00: Miroslav Englis
Analytic continuation of weighted Bergman kernels
11:00 – 11:20: coffee break
11:20 – 12:00: Mihai Putinar
Reducing subspaces for analytic multipliers of the Bergman space
12:00 – 14:00: lunch
14:00 – 14:40: Nikolai Nikolski
Spectrum and Invisible Spectrum of Fourier-Muckenhoupt Multipliers

All lectures take place in the ESI Boltzmann Lecture Hall