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