

Operator Theory and Analytic Function Spaces

Location: SU, Kräftriket, Building 5, room no. 34

- **Thursday, March 17**

14:00 – 14:40 Kristian Seip: Large GCD sums and extreme values of the Riemann zeta function

14:50 – 15:30 Alfonso Montes-Rodríguez: Dynamics of the Gauss maps and the Hilbert transform

Coffee break

16:00 – 16:40 Eva Gallardo-Gutiérrez: Weighted composition operators on the Dirichlet space: boundedness and spectral properties

16:50 – 17:30 Jouni Rättyä: Radial average operator and Bergman projection

17:45 – 18:05 Karl-Mikael Perfekt: The essential spectrum of the Neumann-Poincaré operator on a domain with corners

18:10 – 18:30 Houry Melkonian: Basis properties of generalised p -cosine functions

- **Friday, March 18**

14:00 – 14:40 Håkan Hedenmalm: Coulomb gas ensembles in 2D

14:50 – 15:30 Alexandru Aleman: Harmonic maps and shift-invariant subspaces

Coffee break

16:00 – 16:40 Alexander Vasiliev: Polynomial lemniscates and their fingerprints: from analysis to topology

16:50 – 17:30 María Martín: Affine and linear invariant families of harmonic mappings

17:45 – 18:05 Antti Perälä: Duality of weighted Bergman spaces with small exponents

18:10 – 18:30 Eskil Rydhe: Vectorial Hankel operators composed with differentiation, and notions of BMOA

- **Saturday, March 19**

14:00 – 14:40 Håkan Hedenmalm: Bloch functions and asymptotic tail variance

14:50 – 15:30 Hervé Queffélec: Singular numbers of composition operators on Hardy or Bergman spaces of the polydisk

Coffee break

16:00 – 16:40 Jari Taskinen: Solid hulls of weighted Banach spaces of entire functions

16:50 – 17:30 Antti Haimi: The polyanalytic Ginibre ensembles