

# A 2-Day Meeting on Operator Theory, Complex Analysis and Applications

Universidade do Minho, Guimarães

15<sup>th</sup> July, 2013

- 9h00                    **Welcome**
- 9h10 – 9h40         JONATHAN PARTINGTON: *Weighted composition operators on the half-plane*
- 9h50 – 10h20        JANI VIRTANEN: *Riemann-Hilbert problems in Hardy spaces*
- 10h30 – 11h00        GABRIEL CARDOSO: *The holomorphic anomaly equation and the Hesse potential*
- 11h00 – 11h20                                    **Coffee Break**
- 11h20– 11h50        PETR SIEGL: *Basis properties of perturbations of the harmonic oscillator type operators*
- 12h00– 12h30        DANIEL GIRELA: *Generalized Hilbert Operators on Hardy spaces*

## Lunch

- 14h00 – 14h30        EUGENE SHARGORODSKY: *Toeplitz operators with bounded measurable coefficients*
- 14h40 – 15h10        LUÍS CASTRO: *Boundary integral methods for classes of wedge diffraction problems with Dirichlet, Neumann and impedance boundary conditions*
- 15h20 – 15h50        ESTELITA VAZ: *Inheritance of spherical symmetry: relevant operators*
- 16h00– 16h20                                    **Coffee Break**
- 16h20 – 16h50        DAVID KREJCIRIK: *The Cheeger constant and why one should avoid corners*
- 17h00 – 17h30        EVA GALLARDO: *Locally univalent functions, VMOA and the Dirichlet space*

Tea ... and more.

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- 9h00 – 9h30 ISABELLE CHALENDAR: *An extremal problem for characteristic functions*
- 9h40 – 10h10 MAREK PTAK: *On the reflexivity of subspaces of Toeplitz operators in simply connected regions*
- 10h20 – 10h50 RUI MARREIROS: *On the dimension of the kernel of a singular integral operator with shift and conjugation*
- 10h50 – 11h10 **Coffee Break**
- 11h10 – 11h40 FRANCISZEK HUGON SZAFRANIEC: *Coherent states without measure*
- 11h50 – 12h20 GASPAR MORA MARTINEZ: *On the real parts of the zeros of the partial sums of the Riemann zeta function*

**Lunch**

- 14h00 – 14h30 ANDREAS HARTMANN: *Reverse Carleson measures in de Branges-Rovnyak spaces*
- 14h40 – 15h10 JUAN SÁNCHEZ RODRÍGUEZ: *Rational matrix factorization and difference equations*
- 15h20 – 15h50 MARTIN MATHIEU: *Spectrally bounded and spectrally isometric operators*
- 16h00 – 16h30 CARL COWEN: *Some Old and Some New Thoughts on Commutants of Analytic Multiplication Operators*

**Port Wine and Cheese.**