

April, 24

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2015



II Workshop on

COMPUTATIONAL DATA ANALYSIS AND NUMERICAL METHODS

Universidade de Évora
Évora, Portugal
Departamento de Matemática
Colégio Luís António Verney

INVITED SPEAKERS

10:00 – *Ice break*

Luís Grilo & Carlos Coelho – Instituto Politécnico de Tomar & CMA/FCT - UNL

10:30 - *A family of near-exact distributions for the statistic used to test the reality of covariance matrix in a complex normal distribution*

Rui Alberto & Carlos Coelho – CMA/FCT - UNL

11:00 - *A new approximation to the product distribution of beta independent and identically distributed random variables*

Ana Nata, Natália Bebiano & João P. da Providência – Instituto Politécnico de Tomar & CMUC

11:30 - *A robust numerical method for approach the field of values boundary of finite dimensional Hilbert space operators*

Carla Silva & António Heitor Reis – Instituto Politécnico de Tomar & CGE – Instituto de Ciências da Terra

12:00 - *Modeling pulsatile fluid flow through electrical analogues*

12:30 – *Lunch*

Carla Santos, Célia Nunes & João Tiago Mexia – Instituto Politécnico de Beja & CMA/FCT - UNL

14:30 - *Linear mixed models, OBS and COBS*

Clara Carlota & António Ornelas – Universidade de Évora & CIMA-UE

15:00 - *Sufficient conditions for existence of scalar minimizers of non-convex single integrals*

Sílvia Chá & Clara Carlota – Universidade de Évora & CIMA-UE

15:30 - *Existence of solution for an economic non-convex optimal control problem*

Fernando Carapau & Paulo Correia – Universidade de Évora & CIMA-UE

16:00 - *One-dimensional model of fluids of third grade in straight tubes*

Room: Amphitheatre 1 - CLAV // Free admission

SCIENTIFIC COMMITTEE

Ana Nata - Instituto Politécnico de Tomar
Carla Santos - Instituto Politécnico de Beja
Carla Silva - Instituto Politécnico de Tomar
Clara Carlota - Universidade de Évora
Fernando Carapau - Universidade de Évora
Luís Grilo - Instituto Politécnico de Tomar
Paulo Correia - Universidade de Évora

ORGANIZING COMMITTEE

Luís Grilo (Chair) - Instituto Politécnico de Tomar
Fernando Carapau (Local Chair) – Universidade de Évora
Paulo Correia – Universidade de Évora
Ana Nata - Instituto Politécnico de Tomar