

III Workshop on Computational Data Analysis and Numerical Methods

November 18, 2016

SCIENTIFIC PROGRAM

10h00 - 10h30 Registration and Icebreak

10h30m Opening Ceremony

Room: Anfiteatro E1

11h00 - 12h30 Parallel Sessions M1 and M2

Parallel Session M1	Room Anfiteatro E1
<p>Chair: Luis Grilo (I.P. Tomar & CMA - FCT/UNL, Portugal)</p> <p>Fernando Ceia and <u>Russell Alpizar-Jara</u> Distance sampling using the minimum description length principle</p> <p><u>Amilcar Oliveira</u> and Teresa A. Oliveira p-Charts and np-Charts for Attribute Control based on Life Distributions</p> <p><u>Luis M. Grilo</u> Exploratory factor analysis in burnout state</p> <p><u>M. Filomena Teodoro</u>, Mariana A. P. Andrade, Eliana Costa e Silva and Ana Borges Modeling electricity prices</p>	

Parallel Session M2	Room Sala E2
<p>Chair: Teresa Oliveira (Univ.Aberta, Portugal)</p> <p><u>Carlos Ramos</u> Animal movement: symbolic dynamics and topological classification</p> <p><u>Sandra Nunes</u> An Introduction to Item Response Theory</p> <p><u>Ana Nata</u> and Natália Bebiano Numerical range of a linear pencil</p> <p><u>Teresa Oliveira</u> Topics on Problem-Based Learning in e-Learning</p>	

12h30 - 14h00 Lunch

14h00 - 15h00 Parallel Sessions T1 and T2

Parallel Session T1	Room Anfiteatro E1	Parallel Session T2	Room Sala E2
<p>Chair: Fernando Carapau (Univ. Évora & CIMA- UÉvora, Portugal)</p> <p><u>Santiago Villa</u> A modified Levenberg-Marquardt method to estimate the radius of convergence of a power series</p> <p><u>Fernando Carapau</u> and Paulo Correia A new one-dimensional model for blood flow based on Cosserat theory</p> <p><u>Luis Bandeira</u> and Pablo Pedregal Quasiconvexity and Rank-One Convexity of Polynomials</p> <p><u>Manuel Branco</u> and J. C. Rosales On the enumeration of the set of elementary numerical semigroups with fixed multiplicity, Frobenius number or genus</p>		<p>Chair: Cristina Dias (I.P. Portalegre & CMA - FCT/UNL, Portugal)</p> <p><u>João Miranda</u> Mathematics for European Research and Education: Some Challenging Trends?</p> <p><u>Carla Santos</u>, Célia Nunes, Cristina Dias and João T. Mexia Obtaining COBS from the extension of a balanced mixed model</p> <p><u>Cristina Dias</u>, Carla Santos, João Miranda, and João T. Mexia Study of the Relative Relevances associated to a strongly first eigenvalue</p> <p>Célia Nunes, Gilberto Capistrano, <u>Anacleto Mário</u>, Dário Ferreira, Sandra S. Ferreira and João T. Mexia Occurrences of failures in ANOVA</p>	

15h00 - 15h45 Coffee Break

SOCIAL PROGRAM

16h00 - Visit to the Museu da Tapeçaria de Portalegre, Guy Fino (Museum - Portalegre Tapestry)