

Conference zoom link:

<https://videoconf-colibri.zoom.us/j/194966149?pwd=d2pBRHRneGlmZ0tzWVdZRRk5IRVFGUT09>

Meeting ID: 194 966 149

Meeting Passcode: 353209

Program

Friday, February 2, 2024

09h00 – 09h20: **Reception and registration of participants**

09h20 – 09h30: **Opening of the Meeting**

09h30 – 10h30: **Sessão 1** (Chair: [José Luís da Silva](#))

- *Testing Sources of Variability in a Hierarchical Class of Stochastic Individual Growth Models*
Carlos A. Braumann (presenter), Patrícia A. Filipe, Gonçalo Jacinto, Nelson T. Jamba

- *Comparison of Extinction Times for Stochastic Logistic Type Models*
Clara Carlos (presenter), Carlos A. Braumann and Nuno M. Brites

10h30 – 11h00: **Coffee break**

11h00 – 12h30: **Sessão 2** (Chair: [Joaquim Correia](#))

- *Periodic coupled systems and Van der Pol oscillators*
Feliz Minhós (presenter) and Sara Perestrelo

- *Diffusion, Dispersion, and Pole Dynamics in Nonlinear PDEs*
J.A.C. Weideman

- *Travelling waves in the Rosenau-KdV equation*
Michael Grinfeld

12h30 – 14h00: **Lunch in Restaurante Tipografia - Castanheiro Boutique Hotel**

14h00 – 16h00: **Sessão 3** (Chair: [Feliz Minhós](#))

- *2×2 Nonlinear hyperbolic systems of conservation laws*
Joaquim M. C. Correia

- *Evolutionary dynamics for cellular automata and applications*
C. Correia Ramos

- *Period incrementing and attractors on nonautonomous flat top tent maps*
Luís Manuel Ferreira da Silva

- *Velocity and energy of periodic travelling interfacial waves*
Filipe S. Cal

16h00 – 16h30: **Coffee break**

16h30 – 18h30: **Sessão 4** (Chair: [Manuel Branco](#))

- *Numerical Studies on the Effect of Shear Stress During the Metastasis Process*
José Alberto Rodrigues [Online](#)
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- *Inverse conductivity problems based on vector variational principles*
Luís Bandeira
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- *Attempt and Causation*
José Carmo
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- *Biological networks supported by hyperbolic geometry structures*
Clara Grácio
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Saturday, February 3, 2024

09h00 – 10h30: **Sessão 5** (Chair: [Carlos Ramos](#))

- *Arithmetic varieties of numerical semigroups*
Manuel B. Branco
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- *Ring Withdrawals*
Marco Garapa (presenter) and Maurício Reis
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- *On the complete lifts to tangent bundles*
Rui Albuquerque
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10h30 – 11h00: **Coffee break**

11h00 – 12h30: **Sessão 6** (Chair: [Carlos Braumann](#))

- *Structural Breaks and Segmented Regression Analysis in Time Series*
Dulce Gomes
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- *Inclusion of a shared frailty in gap time models*
A.M. Abreu (presenter), I. Sousa-Ferreira and C. Rocha
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- *Demystifying some rules of thumbs in Statistics*
Jorge Santos (presenter), Marília Pires, Russell Alpizar Jara [Online](#)
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12h30 – 14h00: **Lunch in Restaurante Tipografia - Castanheiro Boutique Hotel**

14h00 – 16h00: **Sessão 7** (Chair: [Vladimir Bushenkov](#))

- *Alternative Approaches to Parametric 2-way ANOVA*
Anabela Afonso (presenter), Dulce G. Pereira [Online](#)

- *A Biorthogonal Approach to the Infinite Dimensional Fractional Poisson Measure*
Jerome B. Bendong (presenter), Sheila M. Menchavez, José Luís da Silva

- *Directional Curvatures for Implicitly Defined Subsets of \mathbb{R}^n*
Fátima Pereira

- *Stabilization of Fluid Flow Oldroyd-B Simulations Based on Eigenvalues of Conformation Tensor*
Marília Pires (presenter), Tomáš Bodnár

16h00 – 16h30: **Coffee break**

16h30 – 18h00: **Sessão 8** (Chair: [Marília Pires](#))

- *Determination of the space-time slip distribution using linear programming techniques*
Vladimir Bushenkov (presenter), Bento Caldeira, Georgy Smirnov, Cristina Pimentel

- *A New Class of Location Invariant Value-at-risk Estimators*
Lígia Henriques-Rodrigues

- *PLSc-SEM to evaluate the facets of burnout in Lisbon airport border officers*
L. M. Grilo (presenter), T. F. Braz, H. L. Grilo, J. P. Maidana and M. Stehlík

18h00 – 18h10: **Closing of the Meeting**