

Dias de Combinatória/Combinatorics Days

HOME

The 4th Combinatorics Day - Aveiro, May 14, 2014

In honour of Raul Cordovil

Programme

10:30-11:15 Alex Fink (Queen Mary University of London): [slides](#)

Matroids over a ring

11:15-11:45 Coffee/Tea

11:45-12:15 Inês Soares (INESCC, UC):

Modelling phylogenetic trees: a combinatorial approach

12:15-12:45 Leonor Moreira (CMUP, FC-UP) and José Luís Fachada (IST): [slides](#)

Manual de sobrevivência a um combinatorialista bem conhecido ou Como aturar o único orientador capaz de me aturar

12:45-14:30 Lunch

14:30-15:00 J. Orestes Cerdeira (CMA, FCT/UNL):

Some applications of combinatorics to ecology

15:00-15:30 Enide Andrade Martins (CIDMA, UA): [slides](#)

Laplacian and signless Laplacian spectra of graphs having vertex subsets with common neighbourhood properties

15:30-16:00 Domingos Moreira Cardoso (CIDMA, UA): [slides](#)

Star sets, star complements and graphs with convex-qp stability number

16:00-16:30 Coffee/Tea

16:30-17:00 Pedro J. Freitas (CELC, UL): [slides](#)

Counting spectral radii of matrices with positive entries

17:00-17:30 António Breda d'Azevedo (CIDMA, UA):

Pseudo-orientability versus orientability

17:30-18:00 Samuel Lopes (CMUP, FC-UP):

Combinatorics gone Weyl

Lectures will take place in room Sousa Pinto, Departamento de Matemática, Universidade de Aveiro, Aveiro.

Participants: Alex Fink (QM, ULondon), António Guedes de Oliveira (CMUP, FCUP), Domingos Cardoso (CIDMA, UA), António Breda d'Azevedo (CIDMA, UA), Catarina Cruz (CIDMA, UA), Charles Dominic (UA), Domenico Antonino Catalano (CIDMA, UA), Dominika Kubijk (UA), Enide Andrade Martins (CIDMA, UA),

Henrique Cruz (UBI), Ilda Rodrigues (UBI), Inês Soares (INESCC, UC), Jorge Orestes Cerdeira (Centro de Estudos Florestais, FCT-UNL), José Luís Fachada (IST), Łukasz Witkowski (UA), Leonor Moreira (FCUP), Maria Elisa Fernandes (CIDMA, UA), Mário Rosa (UC), Olga Azenhas (CMUC, FCTUC), Paula Carvalho (CIDMA, UA), Paula Rama (CIDMA, UA), Paulo Almeida (CIDMA, UA), Raul Cordovil (IST), Ricardo Mamede (CMUC, FCTUC), Pedro J. Freitas (CELC, FCUL), Rogério Serôdio (UBI), Rosário Pinto (CMUP,FCUP), Rui Duarte (CIDMA, UA), Rute Lemos (CIDMA, UA), Samuel Lopes (CMUP, FCUP), Sofia Pinheiro (CIDMA, UA).

Organisers: Rui Duarte (CIDMA,UA), António Guedes de Oliveira (CMUP,FC-UP), and Olga Azenhas (CMUC,UC)

Sponsors: [Departamento de Matemática da Universidade de Aveiro](#), [CIM](#), [CMUP](#), and [CIDMA](#).

To participate send an email to 4thcombdays@ua.pt