

MSC02. New faces of spectral graph theory.

Organizers: Aida Abiad, Gabriel Coutinho, Krystal Guo.

MONDAY, 11:10–11:40: AULA SEMINARIOS. On the spectra and algebraic connectivity of token graphs of a cycle. Cristina Dalfó.

MONDAY, 11:40–12:10: AULA SEMINARIOS. Cospectrality results on generalized Johnson and Grassmann graphs. Robin Simoens.

MONDAY, 12:10–12:40: AULA SEMINARIOS. Constructing cospectral hypergraphs. Antonina Khramova.

MONDAY, 17:00–17:30: AULA SEMINARIOS. On the spectra of weighted digraphs. Miriam Pisonero.

MONDAY, 17:30–18:00: AULA SEMINARIOS. Perfect state transfer in quantum walks on orientable maps. Vincent Schmeits.

MONDAY, 18:00–18:30: AULA SEMINARIOS. Spectra of normal Cayley graphs. Soffia Arnadottir.

MONDAY, 18:30–19:00: AULA SEMINARIOS. NEPS of Complex Unit Gain Graphs. Francesco Belardo.

TUESDAY, 11:10–11:40: AULA SEMINARIOS. On classes of minimal trees. Carlos Hoppen.

TUESDAY, 11:40–12:10: AULA SEMINARIOS. On Sidorenko's conjecture for determinants and Gaussian Markov random fields. Peter Csikvari.

TUESDAY, 12:10–12:40: AULA SEMINARIOS. Spectra of trees. Thomas Jung.

TUESDAY, 12:40–13:10: AULA SEMINARIOS. Algebraic connectivity of maximal outerplanar graphs. Claudia M. Justel.

TUESDAY, 17:00–17:30: AULA SEMINARIOS. Semidefinite and eigenvalue bounds for bicliques and biindependent sets. Luis Felipe Vargas.

TUESDAY, 17:30–18:00: AULA SEMINARIOS. Probing the Structure of Graph Nullspaces with Zero Loci. Joshua Cooper.

TUESDAY, 18:00–18:30: AULA SEMINARIOS. Clique complexes of strongly regular graphs and their eigenvalues. Sebastian M. Cioaba.

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