

## MSC03. Nonnegative matrices: spectral properties.

Organizers: Carlos Marijuán, Julio Moro.

**MONDAY, 11:10-11:40: AULA 3.** Powers of

Sparsest Matrices Realising the Karpelevic Arcs. Priyanka Joshi.

**MONDAY, 11:40-12:10: AULA 3.** Connecting the Hermite-Biehler

Theorem to the Nonnegative Inverse Eigenvalue Problem. Richard Ellard.

**MONDAY, 12:10-12:40: AULA 3.** Nonnegative

Jacobi matrix realizations in low dimension. Andrés M. Encinas.

**MONDAY, 12:40-13:10: AULA 3.** A combinatorial characterization of C-realizable

lists in the nonnegative inverse eigenvalue problem. Julio Moro.

**MONDAY, 17:00-17:30: AULA 3.** Universal Realizability on the border. Carlos Marijuán.

**MONDAY, 17:30-18:00: AULA 3.** Smigoc's glue for

universal realizability on the left half-plane. Ricardo L. Soto.

**MONDAY, 18:00-18:30: AULA 3.** More on

polynomials preserving nonnegative matrices. Raphael Loewy.

Updated: 02 June 2023