MSC11. Eigenvalue applications and optimization in numerical linear algebra.

Organizers: Sara Grundel, Tim Mitchell, Julio Moro.

THURSDAY, 11:10–11:40: **AULA 7**. Root-Max Problems, Hybrid
    Expansion-Contraction, and Optimization of Passive Systems. Tim Mitchell.

THURSDAY, 11:40–12:10: **AULA 7**. Locating
    Eigenvalues of Quadratic Matrix Polynomials. Shreemayee Bora.

THURSDAY, 12:10–12:40: **AULA 7**. Large-Scale
    Minimization of the Pseudospectral Abscissa. Emre Mengi.

THURSDAY, 12:40–13:10: **AULA 7**. Optimal Rational Matrix
    Function Approximation Using the Arnoldi Algorithm. Anne Greenbaum.

THURSDAY, 17:00–17:30: **AULA 7**. Model Order Reduction in
    Gas Network Simulation and the Role of Eigenvalues. Sara Grundel.

THURSDAY, 17:30–18:00: **AULA 7**. Structured
    eigenvalue optimization via rank-1 ODEs. Nicola Guglielmi.

THURSDAY, 18:00–18:30: **AULA 7**. Tributes
    to Michael Overton on the Occasion of His 70th Birthday.

THURSDAY, 18:30–19:00: **AULA 7**. Tributes
    to Michael Overton on the Occasion of His 70th Birthday.

Updated: 06 June 2023