

Matemática Aplicada en el Ámbito de la Ingeniería

Martes 5

11.30-12.10	Laura Saavedra	Stabilized Lagrange-Galerkin methods to simulate turbulent flows
12.10-12.30	Javier Calderón-Sánchez	On the solution of diffusive problems with smoothed particle hydrodynamics
12.30-12.50	Pablo Solano-López	Diffusive integral propagator as an efficient numerical solver
12.50-13.10	Gemma Ramos Casado	Higher order dynamic mode decomposition to solve engineering problems
13.10-13.30	Judith Cueto Fernández	Experimental determination of the ambient pressure through the resonance frequency of bubbles immersed in a gel
16.30-16.50	Víctor Beltrán	Structural analysis of the two-dimensional flow field past multiple bodies at various inflow conditions: wake interaction
16.55-17.15	Manuel Pena Rodríguez	Domain optimization via topological derivative applied to defect detection
17.15-17.35	José Muñoz Cámara	Analysis of coherent flow structures in pipes with helicoidal springs using POD
17.40-18.00	Miguel Baena Botana	Spatio-temporal stability analysis of a pair of counter-rotated vorticed