

Métodos numéricos para EDOs y EDPs

Miércoles 6

11.30-12.00	Enrique Delgado	Reduced Basis Method for fluids flows
12.00-12.30	Maurizio Tavelli	A semi-implicit discontinuous Galerkin method on staggered unstructured meshes for the solution of the compressible Navier–Stokes equations at all Mach numbers
12:30-13.00	Tomasz Rembiasz	Numerical Viscosity and Resistivity In Eulerian MHD Codes
13.00-13.30	Nicolás Sanchis-Gual	Dynamical formation of a Reissner-Nordström black hole with scalar hair in a cavity
16.30-17.00	David Zorío	Métodos de Taylor aproximados para EDOs
17.00-17.30	Teresa Luque	Numerical approximation of a potential from fixed angle scattering data
17.30-18.00	Isabel Cordero-Carrión	A new efficiently and massively parallel algorithm for the solution of elliptic systems of partial differential equations

Jueves 7

11.30-12.00	Saray Busto	A high order FV/FE projection method for Navier-Stokes equations
12.00-12.30	Birte Schmidtman	Compact Third-Order Limiter Functions for Finite Volume Methods. Non-Uniform and 2D Grids
12:30-13.00	Cipriano Escalante	Non-hydrostatic shallow water flows with enhanced dispersive properties. An efficient implementation using hybrid finite-volume finite-difference schemes
13.00-13.30	Juan Ruiz	The Immersed Interface Method for axis-symmetric problems and applications