



VI Congreso de Jóvenes Investigadores de la RSME

Geometría simpléctica y dinámica Hamiltoniana

Coordinadores: Robert Cardona, Mar Giralt y Cédric Oms

Lunes 6 de febrero, aula 201-A

Moderador: Robert Cardona

12:30 *Semi-analytical computation of center-stable and center-unstable manifolds in the geostationary belt*, Miquel Barcelona

13:00 *La conjetura de Arnold para variedades b^m -simplécticas*, Joaquim Brugués

Moderador: Robert Cardona

18:15 *Integrabilidad en sistemas hamiltonianos de contacto*, Asier López-Gordón

Martes 7 de febrero, aula 201-A

Moderadora: Mar Giralt

10:00 *Positive measure of effective quasi-periodic motion near a diophantine torus*, Gerard Farré

10:30 *Integración de foliaciones singulares usando caminos*, Alfonso Garmendia

Moderadora: Mar Giralt

11:30 *Parabolic ejection and collision orbits for the restricted planar circular three body problem*, José Lamas

12:00 *Holomorphic h -principles over Stein manifolds*, Guillermo Sánchez

12:30 *Periodic perturbation of a 3D conservative flow with 2D heteroclinic connection to saddle-foci*, Ainoa Murillo

13:00 *Introduction to Contact Topology*, Dahyana Farias

Moderadora: Mar Giralt

18:15 *An overview about bracket-generating distributions*, Javier Martínez-Aguinaga



universidad
de león



Real Sociedad
Matemática Española



VI Congreso de Jóvenes Investigadores de la RSME

Miércoles 8 de febrero, aula 201-A

Moderador: Cédric Oms

10:00 *Bohr-Sommerfeld quantization of b -symplectic toric manifolds*, Pau Mir

10:30 *Splitting of separatrices for rapidly forced pendulum with a perturbation without first harmonic*, Román Moreno

Moderador: Cédric Oms

11:30 *Hamiltonian facets of classical gauge theories on E -manifolds*, Pablo Nicolás

12:00 *A degenerate Arnold Diffusion Mechanism in the Restricted 3 Body Problem*, Jaime Paradela

12:30 *A simple proof of Novikov's theorem*, Samuel Ranz

13:00 *Unique ergodicity of the horocyclic flow of surfaces without conjugate points*, Sergi Burniol



universidad
de león

