

RESEARCH CONFERENCES ESF Mathematics Conference in partnership with EMS and ERCOM Algebraic Methods in Dynamical Systems 16-22 May 2010

| | | | List of Accepted Posters |
|----|----------------------|------------|---|
| | Surname | First Name | Poster Title |
| 1 | Aparicio Monforte | Ainhoa | Reconstruction of formal first integrals along a solution of a differential (Hamiltonian) system |
| 2 | Bardavid | Colas | A geometric approach to differential schemes, Colas Bardavid, University of Rennes 1 |
| 3 | Gebarowski | Robert | On a classical non-integrability of the Hamiltonian system for hydrogen atoms in crossed electric and magnetic fields |
| 4 | Goncharuk | Nataliia | The rotation number and the moduli of elliptic curves |
| 5 | Heiderich | Florian | Infinitesimal Galois theory of D-module fields |
| 6 | Kudryashov | Yury | No planar billiards have an open set of quadrilateral closed trajectories |
| 7 | Ollivier | François | A non-algebraic differential Galois theory and flat systems |
| 8 | Pantazi | Chara | Integrability of Planar Fields and Differential Galois Theory |
| 9 | Sanabria | Camilo | Generalizing a Theorem of Klein on second order linear differential equations |
| 10 | Sergyeyev | Artur | Generalized Stäckel transform: applications to finite-dimensional integrable systems |
| 11 | Sowa | Elzbieta | Picard-Vessiot extensions for real fields |
| 12 | Trushin | Dima | Nonstandard geometry of difference equation |
| 13 | Wibmer | Michael | Geometric Difference Galois theory |