INVITED TALKS

- Luca **Biasco** (Roma)
  - o KAM Theory for secondary tori

- Sergey **Bolotin** (Moscow & Madison)
  - o Topology, singularities and integrability in Hamiltonian systems

- Henk **Broer** (Groningen)
  - o A Galilean dance: on the dynamics of Jupiter and his Galilean moons

- Luigi **Chierchia** (Roma)
  - o On Kolmogorov's set in classical mechanical systems

- Martina **Chirilus-Bruckner** (Leiden)
  - o Localized structures in an extended Klausmeier model

- Antonio **Degasperis** (Roma)
  - o Integrability and linear instabilities of two coupled continuous waves

- Gianne **Derks** (Guildford)
  - o One-dimensional periodic solutions in a three-components reaction-diffusion system

- Maciej **Dunajiski** (Cambridge)
  - o Solitons on wormholes

- Konstantinos **Efstathiou** (Groningen)
  - o Monodromy and circle actions

- Renato **Huzak** (Hasselt)
  - o Slow-fast bifurcations and Hilbert's 16th problem

- Jaume **Llibre** (Barcelona)
  - o On the real Jacobian conjecture

- Gianluca **Panati** (Roma)
  - o Spin conductance and conductivity in insulators: an overview

- Gabriella **Pinzari** (Padova)
  - o The two-centre problem vs the three--body problem

- Michela **Procesi** (Roma)
  - o Nekhoroshev estimates for the NLS equation on the circle

- Olga **Rossi** (Ostrava)
  - o The variational multiplier problem for PDEs

- Paolo **Santini** (Roma)
  - o Towards a theory of rogue waves in Nature, and the nonlinear Schroedinger model

- Juergen **Scheurle** (Munich)
  - o Variational integrators for mechanical systems on a Lie group

- Joan **Torregrosa** (Barcelona)
  - o Hilbert numbers using reversible centers

- Ferdinand **Verhulst** (Utrecht)
  - o Primary and secondary resonance zones in Hamiltonian systems

CONTRIBUTED TALKS

- Francesco **Calogero** (Roma): *Zeros of polynomials and solvable nonlinear evolution equations*
- Sandra **Carillo** (Roma): *Solutions of KdV and mKdV non-commutative equations*
- Raffaele **Carlone** (Napoli): *NLS in d=2 with concentrated nonlinearities*
- Roberto **De Leo** (Washington): *Topology and Dynamics of quasiperiodic functions*
- Filippo **Giuliani** (Roma): *On the integrability of the Degasperis-Procesi equation: control of Sobolev norms and Birkhoff resonances*
- Emanuele **Haus** (Napoli): *Time quasi-periodic gravity water waves in finite depth*
- Nabil **Kahouadji** (Chicago): *Isometric Immersions of Pseudo-Spherical Surfaces via PDEs*
- Boris **Konopeltchenko** (Lecce): *Regularization of the gradient catastrophes for the Burgers-Hopf hierarchy and Jordan chain*
- Niclas **Kruff** (Aachen): *Coordinate-independent criteria for Hopf bifurcations*
- Antonella **Marchesiello** (Praha): *Superintegrable 3D systems in a magnetic field and separation of variables*
- Krzysztof **Marciniak** (Linkoeping): *Time-dependent deformations of Frobenius integrable Hamiltonian systems*
- Jessica **Massetti** (Roma): *On the existence of almost periodic solutions for the Nonlinear Schrödinger equation*
- M. Concepcion **Muriel Patino** (Cadiz): *Combined use of solutions of the determining equations for commuting symmetries and $\lambda-$symmetries*
- Peter J. **Olver** (Minneapolis): *Reassembly of broken objects*
- Chara **Pantazi** (Barcelona): *Quadratic systems having a singular cubic curve invariant*
- Stefano **Pasquali** (Roma): *Dynamics of the nonlinear Klein-Gordon equation in the nonrelativistic limit*
- Giuseppe **Pucacco** (Roma): *The dynamics of the "de Sitter resonance"*
- Orlando **Ragnisco** (Roma): *Symmetry Algebra for Classical and Quantum Perlick Systems*
- Stefan **Rauch** (Linkoeping): *Understanding reversals of a Rattleback*
- David **Rojas** (Granada): *Resonance of isochronous oscillators*
- Adrian **Ruiz Servan** (Cadiz): *Use of a solvable pair of variational C^∞-symmetries to reduce the order of Euler-Lagrange equations*
- Andrea **Sacchetti** (Modena): *Bifurcation trees in nonlinear Schroedinger equations*
- Alexey **Samohin** (Moscow): *Reflection and refraction of a soliton in layered media*
- Nitin **Serwa** (Kent): *Master symmetry for new systems*
- Pieralberto **Sicbaldi** (Granada): *Overdetermined elliptic problems: symmetry and perturbation results*
- Libor **Snobl** (Praha): *Spherical type integrable classical systems in a magnetic field*
- Cesare **Tronci** (Guildford): *Breaking new ground on the classical/quantum divide*
- Jordi **Villadelprat** (Tarragona): *Bifurcation of zeros in translated families of functions and applications*
- Irina **Yehorchenko** (Kiev): *Symmetry, equivalence and reductions of wave equations*
- Jean Claude **Zambrini** (Lisboa): *A heat equation based approach to symmetries of SDEs*
- Marta **Zoppello** (Padova): *Motion Planning via Reconstruction Theory*