Geometry of Integrable systems

Wednesday 07 June 2017 - Friday 09 June 2017
SISSA

Conference Scientific Programme
The list of speakers is Prof. ABENDA, Simonetta KP theory, total positivity and rational degenerations of M-curves Prof. BAMBUSI, Dario Dynamics of a soliton in an external potential Mr. BLOT, Xavier TBA BURYAK, Alexandr Algebraic structures for the double ramification hierarchy Mr. CAFASSO, Mattia Some analytical aspects of the Kontsevich matrix model Prof. CARFORA, Mauro The many faces of Ricci curvature Dr. CARLET, Guido Poisson cohomology of multidimensional Dubrovin-Novikov Poisson structures and their normal forms. Mr. COTTI, Giordano Almost periodicity of Stokes matrices of Quantum Cohomology of Grassmannians Mr. DU CREST DE VILLENEUVE, Clément Polynomial Tau Functions and Bilinearization of the Drinfeld–Sokolov Hierarchies Dr. GIROTTI, Manuela "Integrable" gap probabilities for the Generalized Bessel process Prof. LISOVYI, Oleg Painlevé functions, Fredholm determinants and combinatorics Prof. LORENZONI, Paolo Complex reflection groups, logarithmic connections and bi-flat F-manifolds Prof. MASTROIETRO, Vieri Time evolution of a solvable quantum many body system Dr. MORO, Antonio Dressing networks: towards an integrability approach for understanding network structures ORTENZI, Giovanni Interface motion features for Euler fluids models Dr. PRINARI, Barbara Discrete solitons for the focusing Ablowitz-Ladik equation with non-zero boundary conditions via inverse scattering transform Dr. RAFFAELE, Vitolo Methods of tangent and cotangent coverings for Dubrovin-Novikov integrability operators Prof. ROSSI, Paolo On the DR/DZ equivalence conjecture RUZZA, Giulio Kontsevich-Penner model and open intersection numbers Prof. SHRAMCHENKO, Vasilisa Topological recursion of Eynard-Orantin and the Harmonic Oscillator Dr. YANG, Di From matrix resolvents to tau functions