

Geometry of Integrable systems

Wednesday, June 7, 2017 - Friday, June 9, 2017

SISSA

Scientific Program

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. MASTROPIETRO, 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

Prof. PONNO, ANTONIO

The quantum FPU problem

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