

**Christmas Workshop on Quivers, Moduli Spaces
and Integrable Systems**

Dipartimento di Matematica, Università di Genova

December 19-21, 2016

Programme

All talks in Room 704

Monday, December 19th

10:00 **Paolo Rossi**, Quantum integrable systems of double ramification type

10:45 **Emanuele Macrì**, Derived categories of cubic fourfolds and non-commutative K3 surfaces

11:30 Break

12:00 **Volodya Rubtsov**, Elliptic Algebras, Heisenberg group, unimodularity and Cremona transformations

14:30 **Mattia Cafasso**, Some analytical aspects of the Kontsevich matrix model

15:15 **Paolo Lorenzoni**, Bi-flat F-manifolds, Painlevé transcendents and complex reflection groups

16:00 Break

16:30 **Giordano Cotti**, Monodromy local moduli for Frobenius coalescent structures and Dubrovin's conjecture.

Tuesday, December 20th

9:30 **Andrea Maiorana**, Semistable sheaves on a quadric as quiver representations

10:15 **Alessandro Chiodo**, Hodge integrals and r-spin curves

11:00 Break

11:30 **Peter Dalakov**, G_2 Hitchin systems and cubics

12:15 **Valeriano Lanza**, Moduli spaces of framed sheaves on Hirzebruch surfaces: the minimal case

14:15 **Alberto Celotto**, Topology of the moduli space of framed sheaves on A_k orbifolds

15:00 **Andrea Raimondo**, A brief history of the ODE/IM correspondence

15:45 Break

16:00 **Davide Masoero**, Affine Opers and Bethe Ansatz

16:45 **Ada Boralevi**, Moduli spaces of framed sheaves on (p,q) -toric singularities

Wednesday, December 21st

9:30 **Giovanni Ortenzi**, Boundary effects in stratified Euler fluids

10:15 **Alberto Tacchella**, Integrable systems on quivers

11:00 Break

11:30 **Francesco Sala**, K-HA/CoHA of the stack of Higgs sheaves on a curve

12:15 **Tom Sutherland**, Painlevé quivers