

Rencontres Itzykson 2010: New trends in quantum integrability

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IPhT Saclay

Programme Scientifique

Contribution list
Luigi Cantini

Sergey Derkachov

Patrick Dorey

Ludwig Faddeev

Vladimir Fateev: Differential equations for the correlation functions, elliptic conformal blocks and AGT conjecture

Anton Gerasimov: A Quantum Field Theory model of Archimedean geometry

Vladimir Kazakov

Gregory Korchemsky

Rinat Kedem: Proofs of positivity using integrable models

Alain Lascoux: Deformation of Kazhdan-Lusztig and Macdonald bases

Sergey Lukyanov: Quantum Sine(h)-Gordon Model and Classical Integrable Equations

Jean-Michel Maillet: Correlation functions of quantum integrable models : the Bethe ansatz viewpoint

Carlo Meneghelli

Valentina Petkova: Topological defects in Liouville CFT

Sylvain Prolhac: Fluctuations of the current in the asymmetric simple exclusion process

Samson Shatashvili: SUSY vacua and quantum integrability

Jun-ichi Shiraishi: Macdonald polynomials and quantum algebras

Fedor Smirnov: One-point functions for sine-Gordon model at finite temperature

Jürg Teschner: From modular duality to Langlands duality

André Voros: Exact solvability of the 1D polynomial Schrödinger equation (a survey)

Don Zagier

Konstantin Zarembo