

Friday June, 09

ISQS - Prague 2017

Room	103	115	114	11	10	215 (redir. from Atrium)
Topic						
14:00-14:25	Kirschner: Second order evaluations of orthogonal and symplectic Yangians	Fordy: Poisson Algebras and 3D Superintegrable Hamiltonian Systems	Poletaeva: On finite $\mathcal{SW}\mathcal{S}$ -algebras for Lie algebras and superalgebras	Almeida: Corrections to Newtons law of gravitation - application to hybrid bloch	Hoque: On superintegrable monopole systems	Pogosyan: New separated polynomial solutions to the Zernike system on the unit disk and interbasis expansion
14:30-14:55	Belliard: About q-Onsager algebra and others coideal subalgebras	Chalykh: Multiplicative quiver varieties and generalised Ruijsenaars--Schneider systems (provisionally)	Radobolja: On free field realization of the twisted Heisenberg--Virasoro algebra at level zero and W -algebra $W(2,2)$	Smaldone: Dynamical generation of fermion mixing	Harshman: Integrable families of hard-core particles with unequal masses in a one-dimensional harmonic trap	Kovacik: Magnetic monopoles in noncommutative quantum mechanics
15:00-15:25	Karakhanyan: Truncation of the orthogonal and symplectic Yangians	Alekseev: Integrable structure of stochastic Laplacian growth	Sadowski: Principal subspaces of twisted modules for certain lattice vertex operator algebras	Aminov: Modular properties of 6d (DELL) systems	Shimauchi: Numerical solution of the radial Loewner equation	Presnajder: Magnetic monopoles in fuzzy space and non-associativity
15:30 - 15:55	Zhang: Baxter Q operators and asymptotic representations of quantum groups	Dahm: On a Microscopic Representation of Space-Time Lines and Spin	Silvestrov: Color Quasi-hom-Lie-algebras and quasi-hom-Lie quasideformations of Witt and Virasoro algebras	Shimada H: Conformal Amplitude Hierarchies and the Poincare Disk	Jakubczyk D: Entanglement caused by excitation in 1D spin and electron systems	Grosse: Exact soluton of quantum field theory toy models
Topic						
16:00-16:25	Coffee Break					
16:30-16:55	Hernandez: A Quantum Subgroup Depth	De Lucas Araujo: Cohomological methods in immersion formulas	Iwata: Lie algebra as an application of logarithmic representation of infinitesimal generators	Kanning: Yangian Invariants, Unitary Matrix Models and Super Yang-Mills Amplitudes	Marzuoli: Ponzano-Regge spin networks and their symmetries	Sako: Φ^3 model -- from a matrix model to a field theory
17:00-17:25	Peng: Super Yangian of the general linear Lie superalgebra and 01-sequence	Beil: Towards a spacetime geometry with quantum nonlocality	Koroteev: QUANTUM K-THEORY OF QUIVER VARIETIES AND MANY-BODY SYSTEMS	Lanery: Projective State Spaces for Quantum Gravity	Aniello: What is a Symmetry Witness?	Cevizovic: On the vibron--polaron damping in quasi 1D macromolecular chains
17:30-17:55	Kaufmann: Two-species asymmetric diffusion and coupled KPZ equations	Blasco-Sanz: Curved Sawada-Kotera Hamiltonian: Integrability and Separability	Young: Cyclotomic Gaudin models and hyperplane arrangements	Zhdanovskiy: Commutators of projectors and projective geometry	Jakubczyk P: Combinatorial approach to the representation of the Schur-Weyl duality in one-dimensional spin systems	Zuevsky: Modular form identities from vertex operator algebras
18:00-18:25	Stukopin: Quantum Double of Yangian of strange Lie Superalgebra and multiplicative formula of Universal R-matrix	Baleanu: Symmetries within fractional calculus	Zusmanovich: Mock-Lie algebras	Blaschke P: Pedal coordinates, Dark Kepler and other force problems	Dereziński: Almost homogeneous Schrodinger operators	Siran: Integration of Courant algebroids