Thursday June, 08 **ISQS - Prague 2017**

Room	103	115	114	11	10	215 (redir. from Atrium)
Topic						
14:00-14:25	Gelfond: Local Current Interactions from Nonlinear Higher-Spi Equations in AdS4	Mueller-Hoissen: Matrix KdV: Tropical limit and Yang-Baxter map	Rouleux: Generalized Pareto optimum and semi-classical spinors. Applications to the Graphene Hamiltonian	Tartaglino-Mazzucchelli: On curvature squared invariants in 6D N = (1; 0) supergravity	Sakai K: A note on graviton exchange in emergent gravity scenario	O'Connor: Quantised relatisistic memgranes and non-prturbative checks of gauge/gravity duality
14:30-14:55	Fachechi: Integrability in AGT duality	Doliwa: On a non-commutative geometric tetrahedron map and its quantum reduction	Szafraniec: The Anatomy of Coherent States	Stepanyantz: Quantum properties of supersymmetric theories regularized by higher covariant derivatives	Saigo: The Arcsine law, Quantum-Classical Correspondence and Orthogonal polynomials	Asano: Emergent five-sphere from BMN Matrix model
15:00-15:25	Rivelles: A Gauge Theory Formulation for Continuous Spin Particles	Sakai H: A rigid, irreducible Fuchsian linear q-equation can be reduced to a 1st order equation by integral transformation	Gorska: Umbral Calculus	Sidorov: Deformed N=8 supersymmetric mechanics	Vermeeren: Pluri-Lagrangian systems	Vysoky: Kaluza-Klein reduction of Supergravity: Geometric approach
15:30 - 15:55	Misuna: Charges in nonlinear higher-spin theory	Viallet: Maps with invariants	Kubiznak: Black hole, hidden symmetries, and complete integrability	Kozyrev: Oscillators from Nonlinear realizations	Poulain: Quantum spaces from involutive representations of coordinate algebra	You-Quan Li: On Quantum Integrable Models with Intrinsic Degree of Freedoms -our past approaches and recent new result
Topic						
16:00-16:25	Coffee Break					
16:30-16:55	Tanimoto: Construction of two-dimensional quantum field models through Longo-Witten endomorphisms	Nakamura: The 4-dimensional Painlev\'e-type equations and degeneration of genus two	Ishkhanyan: Bi-confluent Heun solutions of the Schrödinger equation	Novak: The component structure of conformal supergravity invariants in six dimensions	Amorim: Noncommutative Quantum Mechanics based on Representations of Exotic Galilei Group	Yesmakhanova: Darboux transformation and soliton solutions for the (2+1)-dimensional two-component nonlinear Schrodinger
17:00-17:25	Novaes: Classical Conformal Blocks, Isomonodromy and AGT Correspondence	Ramani: Calculating algebraic entropies: an express method	Okumura: Deformations of the Almheiri-Polchinski model	Padmanabhan: Integrable SUSY Many-Body Systems from Partial Symmetries and Localization	Ivankov: Quantization of noncompact coverings and its physical applications	Shaikhova: Solitons of the generalized coupled Schrodinger-Maxwell-Bloch system
17:30-17:55	Palazzo: From free bosons to 2D TQFT.	Willox: From singularity patterns to algebraic entropies	Oppio: Quantum theory in real Hilbert space: How the complex Hilbert space structure emerges from Poincar e symmetry	Schatz: (Super-)symmetries of the quantum planar pendulum in different coordinate system	Piatek: Solvable spectral problems from 2d CFT and ${\cal N}= 2$ gauge theories	Artonomov: A q,t-Integrable System on a Genus Two Surface
18:00-18:25	Gahramanov: Integrable lattice spin models from supersymmetric gauge theories	Mano: Flat structures and Painleve equations	Smotlacha: Graphene a phosphorene nanoribbons in magnetic field	Ahmadov: Analytical solutions of the Schrodinger equation for the Manning-Rosen plus Hulthen potential within supersymmetric quantum mechanics	Zuk: Spectra, automata and discrete analogues of the KdV equation	Bibikov: Degenerative discrete-diffractive Bethe ansatz