

Monday, July 09

Group32 - Prague 2018

Room	Atrium	10	11	103	111	114	115	215	314
Topic	1	7	15	2	3	14	9	12	
14:00-14:25	Dobrev: Multiparameter Quantum Minkowski Space-Time and Quantum Maxwell Equations Hierarchy	Borowiec: Hopf algebroids and deformations of quantum phase space	Son: Algebraic approach to fractional quantum Hall effect	Itayama: Discrete Painleve system and the double scaling limit of the matrix model for irregular conformal block and	Quesne: Generation of position-dependent mass Schrödinger equations with two known eigenstates in a deformed	Milson: Superintegrability and Exceptional Polynomials	mason: Rational conformal field theories with two primary fields - the Mathur-Mukhi-Sen theorem revisited	SADEGHI: The equivalence between Finsler and non-commutative geometries by massive gravity black hole	
14:30-14:55	Jakobsen: q versions of the Dirac and Maxwell equations for $su_q(n, n)$ and their covariance	Kojima: Wakimoto realization of the quantum affine superalgebra	Nazmitdinov: Cyclic symmetry and self-organization of charged particles in circular geometry	Yang: Boundary effects of the Heisenberg chain with various boundary conditions	Sharapov: Variational Tricomplex, Global Symmetries and Conservation Laws of Gauge Systems	Pashaev: Quantum Group Symmetry for Kaleidoscope of Hydrodynamic Images and Quantum States	Ghezelbash: Deformed Hidden Conformal Group for Rotating Black Holes	Daszkiewicz: Noncommutative Sprott systems and their jerk dynamics	
15:00-15:25	Campoamor-Stursberg: Solving degeneracies in the Clebsch-Gordan problem of simple Lie algebras	Lledo: Conformal superspaces, projectivity and their quantization.	Itin: Quadratic invariants of the elasticity tensor and their applications	Grundland: Soliton surfaces obtained via CP N -1 sigma models	Conte: Quantum correspondence for Painlevé VI	Ellinas: Region Operators Theory: $ISp(2, C)$ Transformations and Entangled Points	Sarkissian: On mini-superspace limit of boundary three-point function in Liouville field theory	Kiselev: Cyclic words and the noncommutative geometry of quasicrystal space-time tilings	
15:30 - 15:55	Goldin: Diffeomorphism Group Representations in Nonrelativistic and Relativistic Quantum Theory	Lemay: Introducing the bivariate Bannai-Ito polynomials	Górska: The Mittag-Leffler function as a universal tool in description of the relaxation phenomena	Rastelli: Twisted products of Hamiltonians: from complete separation to block-separation	Souček: On BGG complexes in singular infinitesimal character	De Palma: The quantum conditional Entropy Power Inequality and a new uncertainty relation for the	Alkalaev: Large-c superconformal torus blocks	Masáková: Linear mappings preserving mathematical quasicrystals	
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16:00-16:25	Coffee Break								
16:30-16:55	Sternheimer: Segal's contractions, Anti de Sitter and conformal groups	Gutiérrez-Sagredo: Drinfel'd double structures for the Poincaré Lie algebra	Sato: Hamiltonian and non-Hamiltonian reductions of conservative dynamics: structures created by	Kirschner: Yangians of orthogonal and symplectic types and Lie algebra representations	Hussin: Holomorphic solutions with constant curvature of the supersymmetric Grassmannian sigma model	Vourdas: Phase space methods: independence of subspaces	Piatek: Classical elliptic conformal blocks and elliptic solitons	Kuznetsova: Observational consequences of light-like deformations of the Poincaré algebra from (extended)	
17:00-17:25	Subag: Contractions, Algebraic Families and the Hydrogen Atom	Bäck: The hom-associative Weyl algebras	Ramazashvili: Hidden symmetry, Kramers degeneracy in a magnetic field, and Zeeman spin-orbit coupling in	Visinescu: Integrability of the geodesic flow on the resolved cones over Sasaki-Einstein space $T_{1,1}$	Le: Strongly homotopy Lie algebras and deformation of calibrated submanifolds	Cruz y Cruz: Group approach to the paraxial propagation of Laguerre-Gaussian modes in a parabolic medium	Nemkov: On some generic properties of non-degenerate Virasoro conformal blocks	Sako: Hermitian-Einstein metrics from noncommutative $U(1)$ instantons	
17:30-17:55	Moylan: (Heisenberg-)Weyl Algebras and Representations of Poincaré Groups	Gaboriaud: The q-Askey scheme and automorphisms of the q-oscillator algebra	Povolotsky: Large deviations of avalanches in the Raise and Peel model	Cao: Bethe states of the integrable spin-s chain with generic open boundaries	Buring: The orientation morphism: from graph cocycles to deformations of Poisson structures	Manchak: Is the Universe As Large As It Can Be?	Pietrykowski: Scalar field dynamics in Kerr-AdS and classical conformal blocks	Tao: The Gauss-Bonnet Theorem for Cyclic Projective Modules over the Noncommutative Two Torus	
18:00-18:25	Levichev: One Possible Application of the Chronometric Theory of I.E. Segal: A Toy Model of Quarks	Truini: The Magic Star of Exceptional Periodicity MOVED TO MON, ATRIUM, 18:30-18:55	SECHIN: Anisotropic long-range spin chains and their Hamiltonians	DING: Cluster algebras and matrix integrals	Yates: Hidden supersymmetry and quadratic deformations of the space-time conformal superalgebra	Szajewska: Reduction of orbits of finite Coxeter group of noncrystallographic type	Fukusumi: Bipartition of torus and partition functions	Ivankov: Moduli space of noncommutative flat connections and finite-fold noncommutative coverings	