Friday, July 13 **Group32 - Prague 2018**

Room	Atrium	10	11	103	111	114	115	215	314
Topic	**6**	**3+1**	**14**	**4**	**10**	**8**	**2**		
14:00-14:25	Hounkonnou: Zinbiel algebras and bialgebras: main properties and related algebraic structures	Ishkhanyan A.: Discretization of Natanzon potentials	Chiribella: Data compression for ensembles of identically prepared quantum systems	Ivanov: New Deformations of N = 4 and N = 8 Supearsymmetric Mechanics	SoučekJ: The quantization of the Higgs' condensate and the "physical randomness" hypothesis imply the invalidity of quantum mechanics at short distances	Lazaroiu: B-type Landau-Ginzburg models on open Riemann surfaces	Gomes: The Algebraic Construction of Integrable Hierarchies, Solitons and Backlund Defects		
14:30-14:55	Zusmanovich: Hom-Lie and post-Lie structures on current and Kac-Moody algebras	Calmelet: Invariant solutions of Jensen's Equations	Parlakgorur: Apollonius Representation and Geometry of Entangled Qubit States	Lukierski: N -extended nonrelativistic SUSY with central charges and N = 4 Galilean superparticle models	Gutierrez Ruiz: Mapping of symmetries through the Kustaanheimo-Stiefel Transformation on the Klein-Gordon equation with a Coulomb potential and a	Nekouee: The comparing F RW and Gödel background with Finsler and Riemannian geometries	Hrivnák: Discrete Cosine and Sine transforms on Honeycomb Lattice		
15:00-15:25	Poletaeva: On representations of finite W-algebras	Leung: ADE bundles over rational surfaces	Tan: A quantum approach to homomorphic encryption	Cederwall: L ∞ algebras for extended geometry	HOCINE: CHARACTERIZATION OF COMPLEX MATERIALS BY ULTRASOUND USING PRISM TECHNIQUE	Babalic: B-type Landau-Ginzburg models on Stein manifolds	Kuru: Supersymmetric partners of the hyperbolic step potential by using anti-bound states		
15:30 - 15:55	Musonda: Reordering in a multi-parametric family of algebras	Alves: Solutions for the mixed P III–V equa□on	Korbelář: On Clifford groups in quantum computing	Krivonos: N -extended supersymmetric Calogero models	Gevorkyan: Quantum vacuum and its fundamental massless particles	Vasak: New Cosmology from the Covariant Canonical Gauge theory of Gravity	Blasco Sanz: The Garnier system on curved spaces		
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16:00-16:25	Coffee Break								
16:30-16:55	Ongonga: Classification of low-dimensional hom-Lie algebras			Toppan: Quasi-nonassociativity from an exceptional spectrum-generating superalgebra	Planat: Congruence links of Bianchi groups for quantum computing	Her: Moduli spaces of zeta-instantons	Srisukson: Hamiltonian Zoo for the harmonic oscillator		
17:00-17:25				Sutulin: Supersymmetric n-particles Euler-Calogero-Moser model	Ahmadov: Bound State Solution of the Schr¨odinger Equation at the Finite temperature		Puttarprom: Ruijsenaars-Schneider system and its hierarchy		
17:30-17:55				Sidorov: Deformed N = 8 mechanics of (8, 8, 0) multiplets	Yau: Time and Space Symmetry in a Quantum Field				
18:00-18:25									