

Tuesday, July 2

ISQS28 - Prague 2024

Room	201	101	301
14:00-14:25	Balaska: Coulomb-Gas Approach for Percolation theory	Escobar: Data-driven reconstruction of chaotic dynamical	Snobl: Integrable systems of the ellipsoidal, paraboloidal and conical type with magnetic field
14:30-14:55	Hoang Ngoc Minh: Various products of representative series	Ishhanyan: The Maslov index for composite power-law potentials: the case of the first Exton potential	Marchesiello: Quadratically integrable and not separable systems with vector potentials Quadratically integrable and not separable systems with vector potentials
15:00-15:25	Saldaña: Non-Commutative Gauge Theory with Quantum Principal Bundles	Wolf: On Octonion Identities and Octonion Integrable Evolutionary PDEs	Rastelli: Separation of variables and superintegrability on Riemannian coverings
15:30 - 15:55	Karlovych: Mellin pseudodifferential operators with non-regular symbols and their algebras	Koning: Embedding formalism for AdS superspaces in five dimensions	Kubû: First order magnetic (super)integrable systems and their symplectic-Haantjes geometry
16:00-16:25	Coffee Break		
16:30-16:55	Buring: Efficient computation of graph cohomology and its action on Poisson brackets	Nishiyama: Double flag varieties of Hermitian type	Zheng-Johansson: A Quantum Electromagnetic Theory of the Intermediate Vector Bosons and the Higgs
17:00-17:25	Herceg: Perturbing the radially quantized Schwarzschild black hole	Jahnová: On recursion operators for full-fledged nonlocal symmetries of the reduced quasi-classical self-dual Yang-Mills equation	Ragiadakos: Pseudo-conformal field theory
17:30-17:55	Jagoe Brown: Kontsevich's graph flows of Nambu-Poisson brackets: triviality established in 2D, 3D, and now in $\mathbb{R}^4$	Miranda: Lévy-Leblond Spinors	Pourbashash: Applying Deep Neural Networks to a HIV Mathematical Model
18:00-18:25	Schipper: Kontsevich (micro)graph invariants in the geometry of Nambu-Poisson brackets: uniqueness aspects	Novák: Generalization of the Coleman-Mandula theorem and the ring paradigm	