

Friday, July 28

QTS12 - Prague 2023

| Room | B103 | B10 | B115 | B11 |
|-------------|---|---|---|---|
| Topic | 4 | 18 + 16 | 6 | 2 + 15 |
| 14:00-14:25 | Jakubsky: Coupled system of Dirac fermions with different Fermi velocities via composites of SUSY operators | De Clercq: Graphical calculus for quantum vertex operators | Blazquez-Villalobos: Generation of non-Hermitian Hamiltonian through non-linear equations | Piątek: Classical conformal blocks, Coulomb gas integrals and Richardson--Gaudin models |
| 14:30-14:55 | Ikeda: Second-order quasiderivation in general linear Lie algebras | Welsh: Burge multipartitions and the AGT correspondence | Gomes: Gauge-Miura Transformation for Negative Grade KdV Hierarchy | Zuevsky: Reduction cohomology of vertex algebras |
| 15:00-15:25 | Kozic: On Yangian deformations of some S-commutative quantum vertex algebras | Ricotta: Supersymmetric Quantum Mechanics Formalism in a Modeling for Protein Folding | Mullahasanoglu: Lens partition and integrability properties | Bekova: Rogue wave solutions for the integrable generalized spin model |
| 15:30-15:55 | Maximov: Topological Lie bialgebras on $\mathfrak{g}[[x]]$ | Sophocleous: Lie symmetries and Financial Mathematics | Nasuda: SWKB Quantization Condition and Isochronism in Quantum Mechanics | Cao: Exact solution of the D2 model with generic open boundary fields |
| 16:00-16:15 | Dobrev: In memory of H. D. Döbner | | | |
| 16:15-16:30 | Coffee break, Closing ceremony | | | |