

MONDAY 22.8.

Morning. Chairman: P.Novotný

9:30-10:15 Marián Fecko

Galilean and Carrollian invariant Hodge star operators

10:20-11:00 Filip Moučka

Courant algebroids and Palatini formalism

10:00-11:30 coffee break

11:30-12:10 Marek Horňák

Gödel universe

Lunch

Afternoon. Chairman: G.Chadzitaskos

15:30-16:00 Petr Novotný:

How to distinguish Lie algebras

16:05-16:40 Viktor Zaujec:

CPT and unitarity constraints for CP asymmetries at finite temperature

16:45-17:15 Lukáš Vácha

The Klein paradox

TUESDAY 23.8.

Morning. Chairman: S.Skoupý

9:30-10:20 Václav Potoček:

Quantum local time

10:25-11:15 Martin Malachov:

Analogue of Mandelbrot set for chaotic purification protocols

10:15-11:35 coffee break

10:35-11:05 Matyáš Staněk:

Fano diagonalization applied to surface plasmon polaritons

Lunch

Afternoon. Chairman: M.Fecko

15:30-16:10 Tomáš Blažek:

High-Energy Physics News 2022

16:15-17:00 Ondřej Kubů:

Quadratic integrable systems in magnetic fields: the extended cylindrical and spherical case

17:05-17:50 Tereza Lehečková:

(Super)integrability in Minkowski - classification and characterization

THURSDAY 25.8.

Morning. Chairman: V.Potoček

9:30-10:15 Rudolf Šmolka:

Algebraic Phylogenetics

10:20-11:00 Benedek Bukor

Simple systems in 3D noncommutative quantum mechanics

11:00-11:30 coffee break

11:30-12:15 Samuel Kováčik:

The Fuzzy Onion

Lunch

Afternoon. Chairman: O.Kubů

15:30-16:00 Frederik Ďalák:

Lie derivative of linear connection

16:05-16:30 Juraj Kováč:

Dissipation in the Boltzmann equation and beyond

16:35-17:15 Tomáš Faigl:

Spectral asymptotics of curved metamaterials

Dinner

FRIDAY 26.8.

Morning. Chairman: M.Malachov

9:30-10:15 Stanislav Skoupý:

Search and state transfer by means of quantum walk in a graph with fully connected vertices

10:20-11:00 Magdaléna Parýzková:

Percolated two-walker discrete-time quantum walks

11:00-11:30 coffee break

11:30-12:00 Daniel Štěřba:

Asymptotic dynamics of open quantum systems

Lunch

Afternoon. Chairman: T.Blažek

15:30-16:15 Goce Chadzitaskos:

Space proper time manifold

16:20-17:00 Vladimír Král'ovič:

Infrared finiteness of the NLO corrections to leptogenesis

17:05-17:35 Karel Tesař:

Incomplete phase transition and anisotropy in titanium