

7th International Conference on New Frontiers in Physics (ICNFP2018)

Tuesday 10 July 2018

Parallel Section C Quantum Physics - Room 5 (15:00 - 16:00)

time	[id] title	presenter
15:00	[130] The influence of spacetime curvature on spontaneous emission in optical analogues to gravity	JACQUET, Maxime

Wednesday 11 July 2018

Parallel Section C Quantum Physics - Room 4 (11:00 - 13:30)

time	[id] title	presenter
11:00	[160] A tighter steering criterion using the Robertson–Schrödinger uncertainty relation	Mr SASMAL, Souradeep
11:30	[87] Quantum measurements in finite space-time domain	SHEVCHENKO, Vladimir
12:00	[71] Spin transfer and entanglement in Compton scattering	Prof. AHRENS, Sven
12:30	[35] FPGA implementation of quantum cryptography algorithm	JAOUADI, Ikram
13:00	[37] Quantum dynamics of charged fermions in the Wigner formulation of quantum mechanics	Prof. FILINOV, Vladimir

Parallel Section C Quantum Physics - Room 4 (15:00 - 16:00)

time	[id] title	presenter
15:20	[131] Evidence of large-scale quantization constant in plasmas	LIVADIOTIS, George
15:40	[36] Table-top high-energy quantum physics	Prof. GUERREIRO, Thiago

Parallel Section C Quantum Physics - Room 3 (16:30 - 18:30)

time	[id] title	presenter
16:30	[70] Gravitational deflection of X-ray superradiance	Prof. AHRENS, Sven

Parallel Section C Quantum Physics - Room 4 (16:30 - 17:30)

time	[id] title	presenter
16:30	[47] Relativistic electron vortices beyond the paraxial approximation	Dr KARLOVETS, Dmitry
17:00	[90] Identification of malfunctioning quantum devices	Dr SKOTINIOTIS, Michalis

Thursday 12 July 2018

Parallel Section C Quantum Physics - Room 4 (11:00 - 13:30)

time	[id] title	presenter
11:30	[168] On Formalism and Interpretations	Ms BAUMANN, Veronika
12:00	[237] Using the Quantum Pigeonhole Paradox to Study Joint Measurements	Mr LUPU-GLADSTEIN, Noah
12:30	[104] An authentication protocol based on polygamous nature of quantum steering	Dr MONDAL, Debasis
13:00	[330] An explicit local statistical model of hidden variables for the Bell's polarization states	Dr OAKNIN, David

Parallel Section C Quantum Physics - Room 4 (15:00 - 15:30)

time	[id] title	presenter
15:00	[201] CaloCube: a new approach to calorimetry in space based experiments for high-energy cosmic rays.	Dr BIGONGIARI, Gabriele