International Conference on Quantum Systems in Extreme Conditions (QSEC2022)

Monday, 14 November 2022

Morning session (11:00 - 12:30)

time	[id] title	presenter
11:00	[220] Observation of Bogoliubov atom pairs: revealing the interplay of quantum fluctuations and interaction in an interacting Bose gas	CLÉMENT, David
11:20	Questions	
11:30	[177] How many particle do make a fluid? Searching for hydrodynamic behavior in mesoscopic ultracold gases	GIACALONE, Giuliano
11:50	Questions	
12:00	[168] A mesoscopic fluid of 10 fermions	Mrs BRANDSTETTER, Sandra
12:20	Questions	

Tuesday, 15 November 2022

Morning session (11:00 - 12:30)

time	[id] title	presenter
11:00	[223] Characteristics of early time dynamics in relativistic heavy ion collisions	CZAJKA, Alina
11:20	Questions	
11:30	[161] Gluon, fermion and scalar spectral functions at strong fields	Dr BOGUSLAVSKI, Kirill
11:50	Questions	
12:00	[188] A fluid-dynamic approach to heavy-quark diffusion in the quark-gluon plasma	CAPELLINO, Federica
12:20	Questions	

Morning session (11:00 - 12:30)

Wednesday, 16 November 2022

Morning session (11:00 - 12:30)

time	[id] title	presenter
11:00	[183] Nuclear parton distribution functions with nCTEQ	JEZO, Tomas
11:20	Questions	
11:30	[226] Quantum, Gravity and Quantised Vortices	SIMULA, Tapio
11:50	Questions	
12:00	[197] Observation of two distinct non-thermal fixed points in spinor condensates	LANNING, Stefan

Thursday, 17 November 2022

<u>Morning session</u> (11:00 - 12:30)

time	[id] title	presenter
11:00	[150] Rigorous QED for the spectra of heavy muonic atoms	Dr ORESHKINA, Natalia S.
11:20	Questions	
11:30	[230] Atomic precision spectroscopy for New Physics searches	FUCHS, Elina
11:50	Questions	
12:00	[184] Engineering interactions in an isolated many-body spin system	Dr ZÜRN, Gerhard
12:20	Questions	

Friday, 18 November 2022

<u>Morning session</u> (11:00 - 12:30)

time	[id] title	presenter
11:00	[227] Quantum simulation of particle collisions	SURACE, Federica
11:20	Questions	
11:30	[174] Towards real-time simulation of false vacuum decay in quantum field theory	Mrs BATINI, Laura
11:50	Questions	
12:00	[165] What are the time-scales of particle formation in the Schwinger effect?	Mr DIEZ, Matthias
12:20	Questions	