

61st Karpacz Winter School of Theoretical Physics and ChETEC-INFRA Training School – "Multi-messenger nuclear astrophysics in the 21st century"

Sunday 02 March 2025

Student talks (18:00-19:00)

time	[id] title	presenter
18:00	[28] Kamil Sokolowski "Beyond mean field models for nuclear matter and pions in hot neutron stars"	
18:15	[30] Alexander Ayriyan "Bayesian analysis of hybrid neutron star EoS constraints within a nonlocal color superconducting quark matter model"	
18:30	[43] Pavlo Panasiuk "Isospin dependence of the quark matter onset"	

Monday 03 March 2025

Student talks (18:00-19:00)

time	[id] title	presenter
18:00	[31] Laurin Söding "Spatially Coherent 3D Distributions of HI and CO in the Milky Way "	
18:15	[32] Souradeep Bhattacharya "Probing chemical enrichment in star-forming galaxies using oxygen and argon abundances"	
18:30	[33] Federico Sestito "The early chemical evolution of the Sagittarius dwarf galaxy"	
18:45	[37] Anton Stall "Investigating the CREDIT history of supernova remnants as cosmic-ray sources"	

Tuesday 04 March 2025

Student talks (18:00-19:00)

time	[id] title	presenter
18:00	[44] Agnese Falla "Hydrostatic and explosive nucleosynthesis of ^{26}Al and ^{60}Fe in rotating and non-rotating massive stars"	
18:15	[34] Justin Schäfer "Assessing the role of composition in the collapse of massive stars"	
18:30	[36] Alexander Holas "Electron-capture supernovae"	
18:45	[42] Noshad Khosravi Largani "Supernova explosions driven by first-order QCD phase transition"	

Wednesday 05 March 2025

Student talks (16:00-17:00)

time	[id] title	presenter
16:00	[38] Kaitlin Webber "Chemical Mapping of Two Stellar Streams"	
16:15	[46] Mael Gonin "Primordial Black Hole : from universe 1st second to Dark Matter"	
16:30	[39] John Dixon "Modeling Non-LTE Effects on Nd II in r-Process Enhanced Metal-Poor Stars"	
16:45	[45] Ashabari Majumdar "Impact of Nuclear Inputs on Neutron Capture Rates and Nucleosynthesis Calculations"	