HAMLET-PHYSICS 2024 Conference/Workshop

Tuesday, 20 August 2024

Parallel (13:00 - 15:00)

time	[id] title	presenter
13:00	[23] Development of innovative methods for fission trigger construction	PERTILLE RITTER, Brigitte
13:15	[31] Enhancing Neutron Scattering Experimentation: A Data Science and Machine Learning Approach to Predict Background Scattering	KARAKOSTA, Petroula
13:35	[24] Bayesian Model Selection of Inflationary Models Using the CONNECT Emulation Framework	SØRENSEN, Camilla Theresia Grøn
13:55	[26] Identifying dwarf AGN candidates through novel machine learning techniques	KRISTENSEN, Mikkel Theiss
14:15	[52] Chatbots for astrophysicists	ALBRECHT, Simon
14:35	[64] Development of a Neural-Network-Based Event Reconstruction for the RadMap Telescope	MEYER-HETLING, Luise

Wednesday, 21 August 2024

Parallel: Parallel - 2 - Auditorium 4 (10:50 - 11:50)

time	[id] title	presenter
10:50	[39] RECLAIM-DAQ: A framework for Reclaiming the DAQ for Computing	ABELLAN BETETA, Carlos
11:10	[47] Deep Learning-Based Data Processing in Large-Sized Telescopes of the Cherenkov Telescope Array: FPGA Implementation and Comparison with GPUs	BEZSHYIKO, Iaroslava
11:30	[41] GNN Classification of Muon- and Electron Neutrino Events for the ESSnuSB+ Near WC Detector	IVERSEN, Kaare Endrup

Parallel: Parallel - 3 - Auditorium 2 (10:50 - 11:50)

time	[id] title	presenter
10:50	[29] Exploring the Impact of Pseudospectra on the Stability of Echo State Networks	BASTERRECH, SEBASTIAN
11:10	[42] ADVANCING NON-LINEAR SPACE CHARGE SIMULATIONS	VOJSKOVIC, Isabella
11:30	[48] 3D single-molecule detection using CNNs and semiconductor nanowires	DAVTYAN, Rubina