

HAMLET-PHYSICS 2024 Conference/Workshop

Tuesday, 20 August 2024

Parallel (13:00 - 14:55)

| 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 |