

Session Program

27 October 2025 to 1 November 2025

EINN2025

Parallel Workshop 2

Tuesday 28 October

15:00

Parallel Workshop 2: Aphrodite Room

Session

15:00–15:25

Advances in AI/ML for theoretical nuclear physics

Speaker

Felix Ringer

15:25–15:50

ML-Enhanced Neutron Detection in CLAS12 for Short-Ranged Correlation Studies

Speaker

Natalie Wright

15:50–16:15

The DNA of nuclear models: How does AI predict nuclear masses?

Speaker

Sokratis Trifinopoulos

16:15–16:40

The MAGIX Experiment at MESA

Speaker

Sebastian Stengel

16:40

17:10

Parallel Workshop 2: Aphrodite Room

Session

17:10–17:35

New physics searches in low-energy precision experiments

Speaker

Aleksandr Pustyntsev

17:35–18:00

Status of the DarkMESA Experiment

Speaker

Mr Mirco Christmann

18:00

Wednesday 29 October

15:00

Parallel Workshop 2: Aphrodite Room

Session

15:00–15:25

AI-Enhanced BEGe Detectors for Low-Energy X-ray Collapse Model Tests

Speaker

Simone Manti

15:25–15:50

DVCS with polarized targets and CLAS12

Speaker

Silvia Niccolai

15:50–16:15

The proton electromagnetic generalized polarizabilities

Speaker

Nikos Sparveris

16:15–16:40

Compton amplitude and the nucleon structure functions from Lattice QCD

Speaker

Utku Can

16:40

17:10

Parallel Workshop 2: Aphrodite Room

Session

17:10–17:35

Measurements of the nuclear dipole resonance with MAGIX at MESA

Speaker

Tyler Kutz

17:35–18:00

Two-photon exchange effects in muonic hydrogen

Speaker

Panagiotis Kalamidas

18:00