

Session Program

5-6 Jun 2026



34th Annual Symposium of the Hellenic Nuclear Physics Society, HNPS2026

Nuclear Reactions and Experimental Methods

Lamia, University of Thessaly, Physics Department, Library Amphitheatre
3rd km Old National Road Lamia-Athens 35100, Lamia Greece

Friday 5 June

12:15

Nuclear Reactions and Experimental Methods

Session | Convener: Th. Mertzimekis

12:15-12:30 Neutron spectrum deconvolution by Bayesian methods

Speaker
Achment Chalil

12:30-12:45
Advancing Beam Diagnostics on ESS Neutron Beamlines: Simulation and Validation of Ionization Chamber Monitors

Speaker
E. Samouilidis

12:45-13:00
Differential cross-section measurements and R-matrix calculations for the elastic scattering of low energy protons on 19F, suitable for IBA purposes

Speaker
Evangelia Taimpiri

13:00-13:15
Differential cross-section measurements for 3He-induced reactions and elastic scattering on 16O

Speaker
Vasileios Stefanidis Toulkeridis

13:15-13:30
Measurement of the 18O(d,α0-3)16N reaction cross sections for NRA purposes

Speaker
Stavros Karachristos

13:30-13:45
Development of a Gas Ionisation Detector for the ToF-ERDA setup at NCSR “Demokritos”

Speaker
Anastasia Ziagkova

13:45-14:00 177, 178Yb ground-state lifetimes

Speaker
Margarita Efstathiou

14:00