

Session Program

5-6 Jun 2026



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

Radiation Measurements, Dosimetry, Environmental Radioactivity and Applications

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

Saturday 6 June

09:30

Radiation Measurements, Dosimetry, Environmental Radioactivity and Applications

Session | **Conveners:** A. Ioannidou, I. Stamatelatos

09:30–09:45

Geological Analysis of Radon Exhalation on Cephalonia Island with In Situ Measurements

Speaker

Ioannis Kaissas

09:45–10:00

Assessment of Occupational Radiation Exposure in DEMO Maintenance Operations: Application to the ECRH System

Speaker

Theodora Vasilopoulou

10:00–10:15

Preliminary results of radon exhalation measurements in Northern Greece

Speaker

Athanasios Ouzounis

10:15–10:30

Evaluation of ^{210}Pb -based radiochronology models at four deep basins in Aegean Sea

Speaker

Zoi Maniati

10:30–10:45

The experimental set up and the application of a marine mini gamma-ray spectrometer for the identification of radioactive objects

Speaker

Ioanna Kora

10:45–11:00

Proton dosimetry at Oslo Cyclotron Laboratory for radiobiological experiments*

Speaker

Antigoni Kalamara

11:00–11:15

Patient-Level SPECT Myocardial Perfusion Classification Using Tracer-Aware Deep Learning

Speaker

Mr Dimitrios Samaras

11:15–11:30

Combined Photopeak and Compton Analysis for Radiological Characterization of Activated Steel in Nuclear Reactor Decommissioning

Speaker
Angelos Markopoulos

11:30–11:45

Preliminary Study of Radiation Exposure Following a Nuclear Weapon Test

Speaker
Dr Nikos Salpadimos

11:45