

Session Program

5-6 Jun 2026



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

Nuclear Structure: Models and Methods

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

Friday 5 June

10:15

Nuclear Structure: Models and Methods

Session | Convener: D. Vretenar

10:15-10:30 **The B4/2 anomaly: Observation and theoretical interpretation**

Speaker

Dennis Bonatsos

10:30-10:45 **Evidence of triaxiality in Mo and Ru nuclei**

Speaker

Dimitrios Petrellis

10:45-11:00

High-K isomers in the $N \approx 116$ shape-transition region and in oblate nuclei within the Relativistic Hartree-Bogoliubov theory

Speaker

Konstantinos Karakatsanis

11:00-11:15

Exploring Triaxial Features in Quadrupole Collective Bands of Even-Even Yb Isotopes

Speaker

Polytimos Vasileiou

11:15-11:30

Ground-state properties of finite nuclei with astrophysical interest in extreme magnetic fields, via covariant density functional theory

Speaker

Ioannis Mavroudis

11:30-11:45

Physics-Informed Neural Networks for Solving the Three-Dimensional Schrödinger Equation in Woods-Saxon Nuclear Potential

Speaker

Mr Iraklis Spyrou

11:45