

## PUBLISHED ARTICLES

G. Giubega et al., „High-power laser-driven gamma irradiation station for industrial imaging: concept, setup and experimental benchmarking”, *Romanian Reports in Physics* 78 (2026) 401

O. Tesileanu et al., „Preliminary studies on laser-driven production of nuclear isomeric states for fundamental and applied research at ELI-NP”, *Proc. of SPIE Vol. 13535* 1353507-1, doi: 10.1117/12.3062176

## CONFERENCE PRESENTATIONS:

1. Georgiana Giubega, Ionut Slabu, Ovidiu Tesileanu, “A scintillator screen-based water phantom for real-time measurements of LPA VHEE dose distributions”, *ELI-User Meeting*, Szeged, Hungary, 18-20 June 2025
2. I. Slabu et al., *ELI Summer School 2025*, Prague, “Monte Carlo Simulations of Laser Driven Electron Dose Distributions in a Water Phantom” - poster
3. O. Tesileanu et al. – talk at the *SPIE Optics and Optoelectronics 2025 – Research Using Extreme Light Infrastructures: New Frontiers with Petawatt-Level Lasers VI*, Prague, April 7-9, 2025
4. I.I. Fidel et al., *ELI Summer School 2025*, Prague, „High dose-rate radiation effects on biological targets and timely metabolic detection by NMR at ELI-NP” - poster
5. I.I. Fidel et al., *ELI User Meeting 2025*, Szeged - „High dose-rate radiation effects on biological targets and timely metabolic detection by NMR at ELI-NP” - poster
6. P. R. Vasos et al., *FRPT*, Prague - „Magnetic resonance biomarkers of redox metabolism: towards image-guided FLASH therapy – oral presentation