

STUDII EXPERIMENTALE SI TEORETICE ASUPRA NUCLEELOR EXOTICE LA ISOLDE
Experimental and theoretical studies of exotic nuclei at ISOLDE
(EXONTEX)

ARTICOLE PUBLICATE / PUBLISHED ARTICLES

1. *Multifaceted impact of shape coexistence in proton-rich nuclei within a beyond-mean-field model*, **A. Petrovici, O. Andrei**, EPJ Web of Conferences 329, 02009 (2025)
2. *Observation of the $J \leq 7/2$ low-spin states in ^{213}Fr populated in the electron capture of the $1/2^-$ ground state of ^{213}Ra* , **C. Clisu**, A. N. Andreyev, **C. R. Nita***, **R. Lica**, et al., Phys. Rev. C 110, 064315 (Dec 2024) (Not reported in the 2024 Annual Summary)
3. *Revealing the Nature of yrast States in Neutron-Rich Polonium Isotopes*, **R. Lica** et al., Phys. Rev. Lett. 134, 052502 (2025)
4. *New upper limits for β -delayed fission probabilities of $^{230,232}\text{Fr}$ and $^{230,232,234}\text{Ac}$* , S. Bara et al., Phys. Rev. C 111, 065803 (2025)
5. *Structure of ^{128}Sn selectively populated in the β decay of the ^{128}In ground state*, M. Llanos-Exposito et al., Phys. Rev. C 111, 064310 (2025)
6. *The ^{76}Cu conundrum remains unsolved*, B. Olaizola et al., Phys Lett B 866, 1395519 (2025)
7. *β - and α -decay spectroscopy of ^{182}Au* , J. Mist et al., Phys. Rev. C 112, (2025)
8. *Charge radii and electromagnetic moments of 214–218Bi: Exploring the “southern” border of the $Z > 82$ octupole-deformation region*, A. Barzakh et al., Phys. Rev. C 112, 034304 (2025)
9. *First β -Delayed Two-Neutron Spectroscopy of the r -Process Nucleus ^{134}In and Observation of the $i_{13/2}$ Single-Particle Neutron State in ^{133}Sn* , P. Dyszel et al., Phys. Rev. Lett. 135, 152501 (2025)