



Contribution ID: 379

Type: Poster

Lasers in Nuclear Physics: Nuclear Structure by Laser Spectroscopy

Studies of hyperfine structure and isotope shifts form a bridge between nuclear and atomic physics and serve as a tool for investigation of nuclear properties and basic physical principles. This work presents some recent results on investigation of nuclear shape and size of rare earth isotopes by laser spectroscopy methods at JINR, Dubna.

Primary author: Dr ZEMLYANOV, Sergey (Joint Institute for Nuclear Research)

Co-authors: Dr MARKOV, Boris (Joint Institute for Nuclear Research); Dr KARAIVANOV, Dimitry (Joint Institute for Nuclear Research); Dr MARINOVA, Krassimira (Joint Institute for Nuclear Research); Prof. GANGRSKY, Yuri (Joint Institute for Nuclear Research)

Presenter: Dr ZEMLYANOV, Sergey (Joint Institute for Nuclear Research)

Track Classification: Track C - Lasers, Optics and Spectroscopy