

**Dezvoltarea unui sistem de detecție pentru studiul reacțiilor de transfer  
multinucleonic la Super FRS**  
**Advanced detection system for MNT reaction at Super FRS**  
**(mu-TOSCA)**

Articole Publicate / Published Articles :

1. E. Vardaci et al., “The role of Fission in the search of the Super Heavy Land: Fission modes in heavy and superheavy nuclei. Case study of  $^{180}\text{Hg}$ ”, EPJ Web of Conferences 304, 01003 (2024)

Participare conferinte / Conference participation

1.S. Ise, C. Petrone et al., “Development of a detection system for identification of multinucleon transfer reactions near  $0^\circ$ ”, Carpathian Summer School of Physics, 22 June-3 July 2025, Sinaia