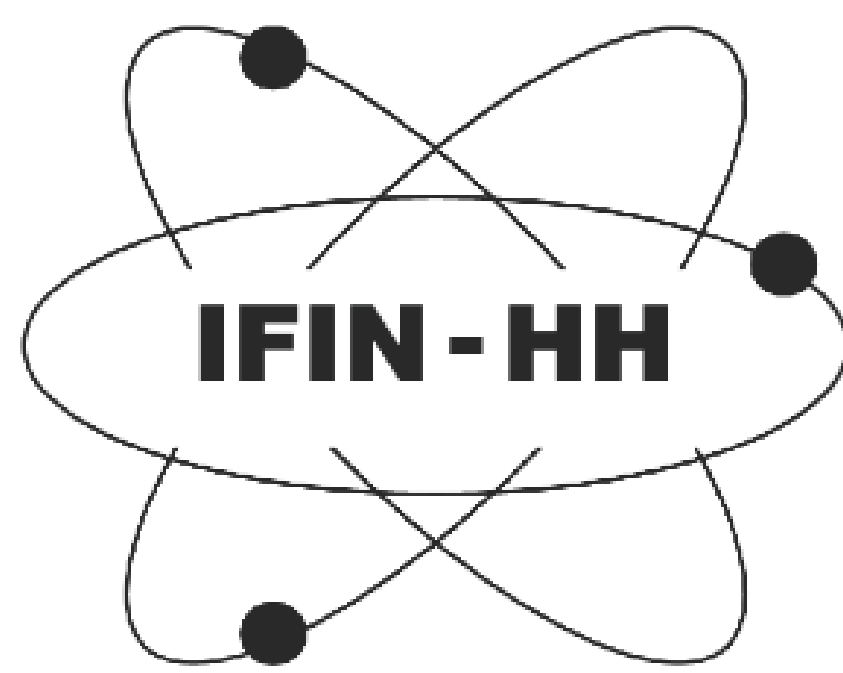




Istituto Nazionale di Fisica Nucleare
Sezione di Napoli



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II
DIP. DI FISICA "E.PANCINI"

Advances and Challenges in Nuclear Fission and Quasi-fission for the SuperHeavy Elements

Napoli, May 22-26, 2023

Fission SHE23



Main topics

Fission of very heavy and superheavy elements (fission modes, fission barriers and half-lives, fission fragment properties, competition with α -decay, fission dynamics), Fusion and quasifission competition, Production of superheavy elements, Multinucleon Transfer Reactions, Radioactive Ion Beams in Fission Studies

Chairmen

Emanuele Vardaci (*UNINA, Napoli*), Nicolae Carjan (*NIPNE-HH, Bucharest*)

Local Organizing Committee

E. Vardaci, A. Di Nitto (Scientific Secretary), G. Alifano, M. Ashaduzzaman, T. Banerjee, F. Davide, S. Di Costanzo, F. Loffredo, D. Mercogliano, D. Panico, M. Quarto, P.A. Setaro