

16th Varenna Conference on Nuclear Reaction Mechanisms

Friday 16 June 2023

Medical radioisotopes (09:00 - 11:00)

-Conveners: Luciano Canton

time	[id] title	presenter
09:00	[91] The development of radionuclides towards theragnostic application in nuclear medicine	VAN DER MEULEN, Nicholas P.
09:30	[89] CERN-MEDICIS: a unique facility for the production of non-conventional radionuclides for medical research	DUCHEMIN, Charlotte
10:00	[68] Preliminary results of the theranostic ^{47}Sc cyclotron proton-induced production with enriched ^{48}Ti , ^{49}Ti and ^{50}Ti targets	MOU, Liliana
10:20	[60] Optimized simulations of $^{50}\text{Ti}(p,\alpha)$ and $^{49}\text{Ti}(d,\alpha)$ reactions for hospital-cyclotron production of ^{47}Sc	BARBARO, Francesca
10:40	[22] ^{155}Tb from natural targets: reaction modeling of $^{\text{nat}}\text{Tb}(p,5n)$ and $^{\text{nat}}\text{Gd}(\alpha,x)$	COLOMBI, Alessandro