Session Program

21–29 Jul 2022



15th International Conference on Nuclear Data for Science and Technology (ND2022)

Particle Therapy

Gather.Town

Monday 25 July

11:45

Particle Therapy

Session | **Location:** Capitol | **Convener:** Shamsu Basunia

11:45–12:09 **Nuclear fragmentation cross section measurements with the FOOT experiment**

Speaker
Roberto Zarrella

12:09–12:21

MEASUREMENT OF THE REACTION CROSS SECTIONS OF THE SHORT- AND LONG-LIVED β+ EMITTERS FOR PET RANGE VERIFICATION IN PROTON THERAPY AT CNA, WPE AND HIT

Speaker
Maria Teresa Rodriguez Gonzalez

12:21–12:33

Reaction cross sections of prompt-gamma and PET radioisotopes for range verification in proton therapy

Speaker
Victor Valladolid Onecha

12:33–12:45 **Multi-Feature Treatment Verification in Particle Therapy**

Speaker
Dr Toni Kögler

12:45–12:57 **Ambient neutron dosimetry in particle therapy facilities**

Speaker
Ariel Tarifeno-Saldivia

12:57–13:09 **(WITHDRAWN) Nuclear data needs for the new era of Boron Neutron Capture Therapy**

Speaker
Ignacio Porras

13:21