



# JS2024 : 5th Jagiellonian Symposium on Advances in Particle Physics and Medicine

## Friday 05 July 2024

### PARTICLE THERAPY MONITORING (11:00-12:55)

time	[id] title	presenter
11:00	[622] Key talk: A high-resolution, spherical in-beam PET scanner for range monitoring and biological guidance of ion beam therapy	Prof. PARODI, Katia
11:30	[623] Invited talk: Proton therapy range monitoring using the J-PET scanner	Dr RUCINSKI, Antoni
11:55	[624] First PET Studies of a FLASH Proton Beam	Dr CESAR, John
12:15	[625] Experimental characterization of LET spectra in proton therapy	Dr GAJEWSKI, Jan
12:35	[626] Differential Cross Sections Measurement of $^{12}\text{C}$ fragmentation on C, O and H in the Energy Range of interest for Carbon Ion Therapy Applications	Dr MATTEI, Ilaria