



Friday, 02-12-2022

14:20 - 15:20

E-Poster Station 1

Proton Beam and Heavy Ions: NEW HORIZONS (E-Poster Presentations)

14:20 - 14:25 **EPP073 - DOSE AND DOSE RATE OPTIMIZATION FOR FLASH PROTON THERAPY WITH AUTOMATED BRAGG PEAK AND SHOOT-THROUGH BEAM SELECTION**

Pavitra Ramesh, (United States of America)

14:25 - 14:30 **EPP074 - ASSESSMENT OF THE INTERFRACTIONAL MONITORING CAPABILITY OF THE PAPRICA (PAIR PRODUCTION IMAGING CHAMBER) DETECTOR IN PARTICLE THERAPY**

Ilaria Mattei, (Italy)

14:30 - 14:35 **EPP078 - VERIFICATION OF A METHOD FOR SPECTROSCOPY OF POLYENERGETIC PROTON BEAMS USING RADIOCHROMIC FILMS**

Sean Mccallum, (United Kingdom)

14:35 - 14:40 **EPP079 - NUCLEAR FRAGMENTATION CROSS SECTIONS MEASUREMENTS FOR HADRON THERAPY: THE FOOT EXPERIMENT**

Yunsheng Dong, (Italy)