

Session Program

25-29 Sept 2023

**16th Topical Seminar on Innovative Particle
and Radiation Detectors (IPRD23)**

Session 12

Siena (Italy)

Wednesday 27 September

16:40

Session 12: Medical physics et al.

Session | **Location:** Siena (Italy) | **Convener:** Chiara Nociforo

16:40–16:55

The HybridMC: a fast detailed Monte-Carlo framework for the LHCb electromagnetic calorimeter upgrade

Speaker

Marco Pizzichemi

16:55–17:10

The 100 μ PET project: a small-animal PET scanner for ultra-high-resolution molecular imaging with monolithic silicon pixel sensors

Speaker

Lorenzo Paolozzi

17:10–17:30

Neutron spectroscopy for Boron Neutron Capture Therapy Beams Characterization M99

Speaker

Valeria Monti

17:30–17:50

A very thin MRPC developed for TOF-PET

Speaker

Jianing Liu

17:50–18:10

Silicon Carbide detectors for dosimetry and monitoring of ultra-high dose rate beams

Speaker

Chinonso Okpuwe

18:10–18:30

Test beam results of a fluorescence-based monitor for ultra-high dose rates

Speaker

Antonio Triglio

18:30