

Session Program

11-14 May 2026

FTMI-TBPET-PSMR 2026 Valencia

Session 5: FTMI-Detectors/Methods

Valencia Hotel Las Arenas
C/ d'Eugènia Viñes, 22, 24, Poblados Marítimos, 46011 Valencia, Spain

Tuesday 12 May

09:00

Session 5: FTMI-Detectors/Methods

Session |

Location: Valencia Hotel Las Arenas, C/ d'Eugènia Viñes, 22, 24, Poblados Marítimos, 46011 Valencia, Spain |

Convener: Andrea González Montoro

09:00–09:20

Improving TOF and DOI capabilities of pixelated PET modules using High-Frequency Readout

Speaker

Dr Giulia Terragni

09:20–09:40

Maximum Likelihood Timing Estimation in Monolithic Scintillators using the PETsys TOFPET2 ASIC

Speaker

Ms Helena Segarra

09:40–10:00

Improving Coincidence Time Resolution using Maximum Likelihood Estimation in Dual-Side Readout Scintillators

Speaker

CLAUDIA FERNANDEZ BORREGUERO

10:00–10:20

Benchtop Characterization of a 64-Channel Scintillation Photon Counting TOF-PET Monolithic Detector

Speaker

Seungeun Lee

10:20–10:40

Cherenkov Photon Counting, Labeling, and Multi-Photon Timing Estimation for sub-100 ps CTR BGO TOF-PET Detectors

Speaker

Joshua Cates

10:40