

Session Program

16-17 May 2023

TF-4 Community Meeting

Session 3

CERN, 222/R-001
Filtration Plant

Tuesday 16 May

14:05

Session 3

Session | Location: CERN, 222/R-001, Filtration Plant

14:05-14:20 **Large area multichannel plate PMTs with picosecond resolution**

Speakers

Federica Oliva, Franz Muheim, Silvia Gambetta

14:20-14:35 **The R&D of Fast MCP-PMT for High Energy Physics Detectors**

Speaker

Sen Qian

14:35-14:50 **Metamaterials as radiators for PID detectors**

Speaker

Michael Andrew Mccann

14:50-15:15

Controlling refractive index and reducing the GWP of Cerenkov gas radiators: challenge in an era of diminishing fluorocarbon availability

Speaker

Gregory Hallewell

15:15-15:40 **Development of RICH software using GPUs**

Speaker

Sajan Easo

15:40-15:55 **A compact RICH for future Higgs Factory experiments**

Speaker

Roger Forty

15:55-16:20

Compact and Modular Ring Imaging Cherenkov Detector: Design and Performance

Speaker

Prof. Xiaochun He

16:20