

Session Program

30 September 2024 to 4 October 2024



TWEPP 2024 Topical Workshop on Electronics for Particle Physics

System Design, Description and Operation

Grosvenor hotel
1-9 Grosvenor Terrace, Glasgow G12 0TB.

Thursday 3 October

09:00

System Design, Description and Operation

Session | **Location:** Botanic Suite | **Conveners:** Alex Kluge, Giovanna Lehmann Miotto

09:00–09:20

HGCAL SiPM-on-Tile Full-Stack Integration with the Serenity-S Phase-2 DAQ Hardware

Speaker

Fabian Hummer

09:20–09:40

High-Voltage studies for the new GE1/1 GEM Station in the CMS Experiment

Speaker

Carlo Di Fraia

09:40–10:00

Performance of the CMS GE1/1 system at LHC Run-3 and prospects of the future ME0 system

Speaker

Gilles De Lentdecker

10:00

11:20

System Design, Description and Operation

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11:20–11:40

DAMIC-M electronics system, status and first results.

Speaker

Lounes IDDIR

11:40–12:00

Electrical measurement and read-out performance of a realistic, full-scale system bench of CMS Inner Tracker Barrel for HL-LHC

Speaker

Giulio Bardelli

12:00–12:20

The services chain for the upgrade of the Inner Tracker Pixel detector of the ATLAS experiment - full services from pixel modules to optical readout for the Outer Barrel sub-system

Speaker

Angelos Zografos

12:20

14:00

System Design, Description and Operation

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14:00–14:20

Readout Electronics for Neutron Detectors at CSNS and CSNS-II: Challenges, Solutions, and Progress

	<p>Speaker Hongbin Liu</p>
	<p>14:20–14:40</p> <p>Advancing Space Telescope Capabilities: SiPM-based UV-Light Detection for Ultra High Energy Cosmic Rays</p> <p>Speaker Valentina Scotti</p>
	<p>14:40–15:00</p> <p>Readout Electronics for dN/dx Measurement of the Drift Chamber for CEPC R&D</p> <p>Speaker Hongbin Liu</p>
15:00	
16:20	
	<p>System Design, Description and Operation</p> <p>Session Location: Botanic Suite Conveners: Alex Kluge, Prof. Johan Alme</p>
	<p>16:20–16:40 Prototype of SiC beam monitor for the COMET experiment at J-PARC</p> <p>Speaker Tetsuichi Kishishita</p>
16:40	