

# Poster Session

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**A1**

**Andrea Marasciulli** | Near-infrared CMOS imaging for large-area SiPM-based photodetectors diagnostics

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**A2**

**Giulia Tosetti** | Development of a Thin-Layer Scintillation-Based Dosimeter for Surface Dose Measurement in Radiotherapy

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**A3**

**Serena Loporchio** | Status of the SiPM camera upgrade for the prototype Schwarzschild-Couder Telescope

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**A4**

**Edoardo Borciani** | Characterization of a GAGG/Si-PM Gamma Camera Prototype for Ag-111 Imaging Applications

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**A5**

**Tommaso Marinelli** | Probing Radiation Damage in SiPMs with Emission Microscopy

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**A6**

**Daniel David Marín Medina** | Preamplifier Readout Electronics for Summing SiPMs Enhanced Circuit (PRESSEC) for Advanced SiPM camera

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**A7**

**Alberto López Guillén** | The ICECAL65: an Energy Measurement ASIC for the Upgrade II in the LHCb Calorimeter Detector

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**A8**

**Simone Vallarino** | A SiPM-based readout for high-resolution electromagnetic calorimetry

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**A9**

**Ibrar Ahmad** | Zero-Dimension Cs<sub>3</sub>Cu<sub>2</sub>I<sub>5</sub> Perovskite-Inspired Scintillators for Next-Generation Nuclear Medicine-based Medical Imaging

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# Poster Session

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**B1**

**Jacopo Dalmasson** | TCSPC Setup with SiPM Readout for Volatile Organic Compound Identification

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**B2**

**Pavel Parygin** | Characterization of afterpulse in SiPMs with single-cell readout as a function of bias voltage and fluence

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**B3**

**Davide Cremonini** | Cherenkov detectors in the extreme LHC environment: LUCID PMTs and fibers

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**B4**

**Samuele Lanzi** | First observation of minimum ionising particle tracks in the RIPTIDE detector

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**B5**

**Cornelia Arcaro** | Modular Wavelength-Shifting Photon Detector with SiPM Readout for Large-Area Applications

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**B6**

**Sergey Abrahamyan** | Radio Frequency Photo Multiplier Tube with different photocathodes

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**B7**

**Nicola Rubini** | Development and Beam-Test Results of the SiPM-Based Readout Plane for the ePIC-dRICH Photodetector at the EIC

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**B8**

**Dario Fornaro** | A novel single photon detector based on MCP-PMT with embedded Timepix4 ASIC

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**B9**

**Ding Ding** | Revealing the Impact of Phase Transition on  $n = 1$  2D Perovskite Photodetectors with Intrinsically Tunable Narrowband Detection

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# Poster Session

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C1

**Antonio Liguori** | Performance of the fiber tracker of the Zirè detector onboard NUSES satellite

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C2

**Gaia De Palma** | Design and characterization of the SiPM-based tracker-calorimeter system for space astrophysics

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C3

**Shogo Horiuchi** | Evaluating Position Dependency of Detection Performance for 50-cm Hyper-Kamiokande Photomultiplier Tube

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C4

**Bartosz Piotrowski** | Multi-Photomultiplier Detectors in the Water Cherenkov Test Experiment

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C5

**Stefano Durando** | DENEb: a 1024-Channel Mixed-Signal ASIC for SiPM Readout with sub-100 ps Timing and Photon Counting Operating from 77 K to 300 K

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C6

**Tommaso Maria Floris** | Fully-Digital 110 nm CMOS SiPM for Ultra-Fast Amplitude, Time-of-Arrival, and Time-over-Threshold Measurements

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C7

**Matteo Bettuzzi** | A new computed tomography system based on a Timepix4 sensor with CdTe for cultural heritage analysis applications: preliminary results

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C8

**Andrea Di Salvo** | Preliminary characterization of the 64-channel MIZAR ASIC for Cherenkov light detection

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C9

**Michael Kane** | Multi-anode Photomultiplier Tubes: review of characterisation and operations at the LHCb RICH detectors

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# Poster Session

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**D1**

**Simon Ghizzo** | Studies of Silicon Photo-Multipliers for the LHCb Upgrade II in Genova

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**D2**

**Simone Garnero** | Recent GasPM advances: photon-feedback mitigation and LaB<sub>6</sub> photocathode studies

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**D3**

**Robert Kralik** | 3-inch PMTs for the Hyper-K outer detector

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**D4**

**Lorenzo Margotti** | Single-Pulse Spectroscopy with 2D Perovskites: from Single Crystals to Thin Films

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**D5**

**Carina Trippi** | New generation of TSV-enabled SiPM technologies for medical imaging and industrial applications

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**D6**

**Serena Pezzulo** | The ARC compact RICH detector concept: design, simulations and prototype development

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