# List of Posters

*Greyed out posters are not available.*

**Poster Session 1**

| P1.01 | H.S. Choi, et al. *A Guard Ring-Optimized Single-Photon Avalanche Diode with 70% PDP at 420 nm in 55 nm BCD Technology.* |
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| P1.02 | D. Eom, et al. *Back-Illuminated Non-Isolated Single-Photon Avalanche Diode in 110 nm Standard CMOS Image Sensor Technology.* |
| P1.03 | P. Rustige, et al. *Room temperature 96x96 InGaAs/InP SPAD array for SWIR imaging.* |
| P1.04 | J. Kölbel, et al. *New Crosstalk Insight and Characterization Methods in CMOS based SPADs.* |
| P1.05 | J.H. Kim, et al. *Test Bench for Characterization of CMOS SPADs.* |
| P1.06 | C. Guerrisi, et al. *Radiation Damage on SiPM for High Energy Physics Experiments in space missions.* |
| P1.07 | J. Dalmasson, et al. *Glass-free SiPMs with Through Silicon Vias for VUV/NUV light detection.* |
| P1.08 | C. Alispach, et al. *Position-Sensitive Silicon Photomultiplier Array with enhanced position reconstruciton by means of a Deep Neural Network.* |
| P1.09 | Y. Tashiro, et al. *Fabrication method of SPAD sensor for automotive LiDAR to compensate the process fluctuation by feedforward system.* |
| P1.10 | M Wojtkiewicz. *Extended Dynamic Range SPAD Front-End Using Near-Threshold Inverter-Based Comparator.* |
| P1.11 | F. Liu, et al. *A 1.8-µm pitch, 47-ps jitter SPAD Array in 130nm SiGe BiCMOS Process.* |
| P1.12 | T. Milanese, et al. *Histogram-less SPAD/SiPM-based dTOF imaging with parallel ML processing.* |
| P1.13 | A. Tontini, et al. *Linearized SPAD response for high photon flux and histogram-less d-ToF systems.* |
| P1.14 | N. Di Giano, et al. *Towards arbitrary photon statistics characterization with realistic SPAD arrays.* |
| P1.15 | H. Galante, et al. *Count-Free Single-Photon LiDAR with Equi-Depth Histograms: An FPGA Implementation.* |
| P1.16 | E. Bosch, et al. *Flash LiDAR for Bathymetry Using a 2D SPAD Array.* |
| P1.17 | H. Haka, et al. *40-nm SPAD-Array System for Ultra-Fast Raman Spectroscopy.* |
| P1.18 | K. Iizuka, et al. *Fluorescence Based Multi-Color Two-Dimensional Flow Cytometer Utilizing Masked SPAD Array.* |
| P1.19 | F. Retiere, et al. *The Single Particle Avalanche Diode concept.* |
| P1.20 | P. Ulpiani, et al. *AI-enhanced Non-Line of Sight Imaging.* |

**Poster Session 2**

| P2.01 | E.-J. Kim, et al. *An Optimized SPAD Equivalent-Circuit Model.* |
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| P2.02 | P. Ulpiani, et al. *AI-enhanced Non-Line of Sight Imaging.* |
| P2.03 | S. Virzì, et al. *SPAD traceable detection efficiency measurement at INRIM.* |
| P2.04 | L. Arabskyj, et al. *Traceable characterisation of free-space and fibre-coupled single-photon avalanche diodes.* |
| P2.05 | F. Calmon, D.-T. Vu, et al. *Front-Side Photon Detection improvement of SPAD integrated in FD-SOI CMOS Technology thanks to STI patterning.* |
| P2.06 | S. Yook, et al. *NIR−Sensitivity Enhancement of a Back-Illuminated Single-Photon Avalanche Diode Through Backside Scattering Patterns.* |
| P2.07 | A. Wörl, et al. *Investigation of a novel zinc-diffusion process for the fabrication of InGaAs/InP single-photon avalanche diodes.* |
| P2.08 | T. Leitner, et al. *A Backside-Illuminated SiPM Array with High NIR PDE for Automotive LIDAR Applications.* |
| P2.09 | F. Vachon, et al. *Photon-to-Digital Converter Development:  3D Integration Progress and Characterization Platform.* |
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| P2.11 | G. Acconcia, et al. *Beyond pile-up limits in Time Correlated Single Photon Counting: a New Approach.* |
| P2.12 | Y. Liu, et al. *An Asynchronous Peak Tracking Method for dToF LiDAR Histograms.* |
| P2.13 | M. Kuijk, et al. *Use of Switched Capacitors in timing-based SPAD Image Sensors.* |
| P2.14 | A. Morsy, et al. *Utilizing Switched Capacitors in SPAD-Based Pixel for dToF.* |
| P2.15 | A. Henschke, et al. *SPAD LiDAR with RADAR Target Prediction.* |
| P2.16 | J. Nedbal, et al. *Fluorescence Lifetime Imaging Ophthalmoscope: A Theoretical Study.* |
| P2.17 | A. Carimatto, et al. *Red-Enhanced SPAD Sensor with 150-ps Gating for FLIM.* |
| P2.18 | A. Elsenhans, et al. *ANDESPix: A Digital SiPM for Muon Detectors.* |
| P2.19 | S. Bauer, et al. *Ubiquitous Perception with Single-Photon Cameras.* |
| P2.20 | A. Kufcsák, et al. *Clinical translation of an early-photon imaging system for safe placement of feeding tubes.* |