

## **Session Program**

**19-22 Nov 2024**

# **6th International Workshop on New Photon-Detectors (PD24)**

## ***Poster Session***

Harbour Centre, Vancouver (BC), Canada, Room: 1400-1430  
515 West Hastings Street, Vancouver, BC V6B 5K3

# Wednesday 20 November

18:42

## Poster Session

**Session** |

**Location:** Harbour Centre, Vancouver (BC), Canada, Room: 1400-1430, 515 West Hastings Street, Vancouver, BC V6B 5K3

18:42-18:47

### **Studies on variability and localization of dark count in silicon photomultipliers**

**Speaker**

Akira Okumura

18:47-18:52

### **Development of a Cost-Effective RICH Detector for MARQ Spectrometer Using SiPM Technology**

**Speaker**

Ken Suzuki

18:52-18:57

### **Characterization of Silicon Photomultiplier Photon Detection Efficiency at Liquid Nitrogen Temperature**

**Speaker**

Sam Borden

18:57-19:02

### **Optical Surface Reflectivity Characterization in Water Cherenkov Detectors: Methodologies and Industrial Applications**

**Speaker**

Deepak Tiwari

19:02-19:07

### **Production and Performance of mPMT Modules for the Water Cherenkov Test Experiment**

**Speaker**

Mohit Gola

19:07-19:12

### **Radiation hardness and annealing study of neutron-irradiated silicon photomultipliers**

**Speaker**

Dania Consuegra Rodríguez

19:12-19:17

### **Towards a New Scintillating Fibre Beam Monitor for the CERN North Area**

**Speaker**

Inaki Ortega Ruiz

19:17-19:22

### **Response of the 20" Super-K PMT in Magnetic fields of up to 500mG**

**Speaker**

Dr Benjamin Smithers

19:22-19:27

**Impact of external radiation on dark rate noise measurement for the Hyper-Kamiokande photomultiplier tube****Speaker**

Mr Yuta Mandokoro

19:27-19:32

**New developments in VUV photo-detection****Speaker**

Miguel Angel Garcia Peris

19:32-19:37

**Calibrating the photometric performance of a high-time-resolution photon-counting imager for optical astronomy****Speaker**

Mana Hasebe

19:37-19:42

**Multilayer Coating Simulations for Enhanced Photon Detection in Particle and Astroparticle Physics****Speaker**

Dr Akira Okumura

19:42-19:47

**Development and evaluation of high-resolution gamma camera for animal imaging****Speaker**

Ms Yuka Kikuchi

19:47-19:52

**Modeling of AlInAsSb waveguide avalanche photodiodes for MWIR applications****Speaker**

Dr Yegao Xiao

19:52-19:57

**Competition between Increasing and Decreasing Effects of the Afterpulsing Rate of PMTs during Night-Sky Observations****Speaker**

Dr Mitsunari Takahashi

19:57-20:02

**Time-of-flight measurement with the ALPHA-g Barrel Scintillator detector for gravitational studies of antimatter****Speaker**

Gareth Smith

21:42