

## **Session Program**

**21-25 Oct 2024**

### **2nd DRD4 Collaboration Meeting**

***Working Group 1 meeting (open to the whole  
DRD4 community)***

CERN, 222/R-001

## Wednesday 23 October

14:00

### Working Group 1 meeting (open to the whole DRD4 community)

**Session** | **Location:** CERN, 222/R-001 | **Conveners:** Angela Romano, Fabrice Retiere

14:00–14:25 **FBK SiPM development - question and challenges**

**Speaker**

Alberto Gola

14:25–14:50 **Simulating SPAD avalanches**

**Speaker**

Denis Rideau

14:50–15:15 **Photon detection efficiency modelling for p-on-n SiPMs.**

**Speaker**

Harry Lewis

15:15–15:35 **SiPM cross-talk and light emission characterization**

**Speaker**

Fabrice Retiere

15:35–16:00 **SiPM Single Photon Timing Resolution**

**Speaker**

Stefan Gundacker

16:00

16:20

### Working Group 1 meeting (open to the whole DRD4 community)

**Session** | **Location:** CERN, 222/R-001 | **Convener:** Fabrice Retiere

16:20–16:45

**MCP-PMT performance for Belle II and future developments for upgrades**

**Speaker**

Ezio Torassa

16:45–17:10

**Recent Developments on the LAPPD and HRPPD MCP-PMTs from Incom**

**Speaker**

Mark Popecki

17:10–17:35 **LAPPD performance studies at INFN**

**Speaker**

Chandradoy Chatterjee

17:35–18:00 **Developments of enhanced vacuum photodetectors**

**Speaker**

Prof. Jon Lapington

18:30

# Thursday 24 October

09:00

## Working Group 1 meeting (open to the whole DRD4 community)

**Session** | **Location:** CERN, 222/R-001 | **Convener:** Fabrice Retiere

09:00–09:25 **2inch MCP-PMT performance for TOF-PET**

**Speaker**

Dr Lishuang MA

09:25–09:50 **The test result of the 20inch Dynode-PMTs and MCP-PMTs**

**Speaker**

Zhimin Wang

09:50–10:15 **Adapting the CBM's RICH electronics readout to SiPMs**

**Speaker**

Jesus Pena Rodriguez

10:15–10:40 **SiPM photodetector prototype for the ePIC-dRICH detector at EIC**

**Speaker**

Luigi Pio Rignanesi

10:40

11:00

## Working Group 1 meeting (open to the whole DRD4 community)

**Session** | **Location:** CERN, 222/R-001 | **Convener:** Fabrice Retiere

11:00–11:25 **WG1 Discussion - What do you want WG1 to do for you?**

**Speaker**

Fabrice Retiere

11:25–11:45 **SiPM burst**

**Speaker**

Marco Guarise

11:45–12:10 **performance batch test of SiPM**

**Speaker**

Han Jifen

12:10–12:35

### **Studies of SiPM radiation damage and recovery via high-temperature annealing**

**Speaker**

Roberto Preghenella

12:35–13:00 **SiPM radiation studies down to cryogenic T**

**Speaker**

E. Curas

13:00