

Session Program

13-17 Apr 2026



5th DRD4 Collaboration Meeting

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

CERN, 40/S2-C01 - Salle Marie Sklodowska-Curie

Tuesday 14 April

15:35

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

Session | **Location:** CERN, 40/S2-C01 - Salle Marie Skłodowska-Curie | **Convener:** Retiere, Fabrice

15:35-15:50 **LGADs characterization using laser-based methods**

Speaker

Kraus, Veronika

15:55-16:10 **SPAD characterization using laser-based setup**

Speaker

Lewis, Harry

16:15-16:30 **Status of SiPM/SPAD characterization subsection in compendium**

Speaker

Matteucci, Giuseppe

16:30

Wednesday 15 April

14:50

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

Session | **Location:** CERN, 40/S2-C01 - Salle Marie Skłodowska-Curie | **Convener:** Retiere, Fabrice

14:50–15:05 **Compendium subsection review - Digital SPAD arrays**

Speaker

D'Ascenzo, Nicola

15:20–15:40 **SPAD avalanche modelling**

Speaker

Riegler, Werner

15:45–16:00 **SPAD avalanche modelling**

Speaker

Koulosousas, Seraphim

16:05–16:30 **Coffee**

16:30–16:45 **Compendium subsection review - SPAD physics**

Speaker

Petrolini, Alessandro

16:55–17:10 **Compendium subsection review - Radiation damage**

Speaker

Musienko, Yuri

17:20–17:40 **Compendium subsection review - SiPM**

Speakers

Gola, Alberto Giacomo, Petrolini, Alessandro

17:50–18:10 **Compendium section review - standardization**

Speaker

Petrolini, Alessandro

18:15–18:30 **Compendium wrapup**

Speaker

Retiere, Fabrice

18:30

Friday 17 April

09:00

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

Session | **Location:** CERN, 40/S2-C01 - Salle Marie Sklodowska-Curie | **Convener:** Retiere, Fabrice

09:00–09:20 **The Status of the PMTs in TRIDENT Neutrino Telescope**

Speaker

Xiang, Xin

09:25–09:45 **The study of prototype with FPMT coupling with ASIC**

Speaker

Wang, Xin

09:50–10:10 **Simulation of MCP-PMTs**

Speaker

Davidson, Alexander

10:15–10:35 **Ageing studies on HRPPD**

Speaker

Agarwala, Jinky

10:40

11:00

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Session | **Location:** CERN, 40/S2-C01 - Salle Marie Sklodowska-Curie

11:00–11:25

Overview of MCP-PMT performance and latest developments for Particle Physics

Speaker

Orlov, Dmitry

11:30–11:50 **Modelling of the MCP-PMT response**

Speaker

Korpar, Samo

11:55–12:10 **Vacuum-based PD: compendium status and next steps**

Speaker

Romano, Angela

12:15–12:35 **First review of VPD Compendium part**

Speaker

Krizan, Peter

12:40–12:55

Few-Picosecond Single-Photon Timing with an RF Timer and Nb₂C MXene Photocathode

Speaker

Margaryan, Amur

13:00