

Session Program

17-20 Jun 2024

1st DRD4 Collaboration Meeting

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

CERN, 222/R-001

Wednesday 19 June

09:00

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

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

09:00–09:05 Introduction to Working Group 1

Speaker

Fabrice Retiere

09:05–09:25 Digital SiPM overview

Speaker

Claudio Bruschini

09:25–09:45 SPAD optimization - the next frontier

Speaker

Fabrice Retiere

09:45–10:05 Status and Limitations of MCP-PMT Performance

Speaker

Albert Lehmann

10:05–10:25 Radio Frequency PMT

Speaker

Amur Margaryan

10:25–10:45

Development of innovative PET technologies enhanced by the use of Cherenkov photons

Speaker

Viatcheslav Sharyy

10:45

11:00

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11:00–11:20 Quantum efficiency measurements on PMTs

Speaker

Andreino Simonelli

11:20–11:40 Timing measurement on PMTs/SiPMs

Speaker

Lishuang Ma

11:40–11:55 Python framework for SiPM, APD and MPPC simulations

Speaker

Jesus Pena Rodriguez

11:55–12:10 Investigating and optimising MCP-PMT timing, nuisance and lifetime

	<p>Speaker Ping Chen</p>
	<p>12:10–12:25 Test and characterisation of Large Area MCPs</p> <p>Speaker Federica Oliva</p>
	<p>12:25–12:40</p> <p>Precision Timing with quartz bars/fibers and segmented photodetectors</p> <p>Speaker Suat Ozkorucuklu</p>
13:00	<p>12:40–13:00 General discussion about photodetector characterization</p>
14:00	<p>Working Group 1 meeting (open to the whole DRD4 community) Session Location: CERN, 222/R-001 Convener: Fabrice Retiere</p>
	<p>14:00–14:30 Radiation-hard SiPM</p> <p>Speaker Yuri Musienko</p>
15:00	<p>14:30–15:00 General discussion about radiation damage characterization</p>