

Session Program

27 November 2024 to 6 December 2024

DRD1 Gaseous Detectors School

Lectures

CERN, 40/S2-A01 - Salle Anderson

Wednesday 27 November

09:20

Lectures: Gas Detector Physics

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

09:20–10:20

Introduction

Speaker

Fabio Sauli

10:20–11:20

Gas detector physics 1

Speaker

Fabio Sauli

11:20–11:50

Break

11:50–12:50

Simulation and Modelling 1

Speaker

Piet Verwilligen

12:50

Thursday 28 November

09:00

Lectures: Technologies

Session | **Location:** CERN, 40/S2-C01 - Salle Curie**09:00–10:00** **MPGD technologies****Speaker**

Esther Ferrer Ribas

11:00

10:00–11:00 **(M)RPC technologies****Speaker**

Rinaldo Santonico

11:30

Lectures

Session | **Location:** CERN, 40/S2-A01 - Salle Anderson**11:30–12:30** **Wire-based detector technologies****Speaker**

Peter Wintz

12:30

Friday 29 November

09:00

Lectures

Session | **Location:** CERN, 40/S2-C01 - Salle Curie**09:00–10:00** **Signal induction****Speaker**

Werner Riegler

10:00–11:00 **Data analysis and reconstruction****Speaker**

Theodoros Alexopoulos

11:00–11:30 **Coffee break****11:30–12:30** **Gas properties and mixtures****Speaker**

Marcello Abbrescia

12:30–13:00 **Gas Systems****Speaker**

Roberto Guida

13:00

Monday 2 December

09:00

Lectures

Session | **Location:** CERN, 40/S2-A01 - Salle Anderson

09:00–10:00

Gas detector physics: stability

Speaker

Piotr Gasik

10:00–11:00

Modelling and simulation 2

Speaker

Djunes Janssens

11:00–11:30

Coffee break

11:30–12:30

Applications beyond HEP

Speaker

Marco Cortesi

12:30

Tuesday 3 December

09:00

Lectures

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin**09:00–10:00** **MPGD Manufacturing****Speaker**

Rui De Oliveira

10:00–11:00 **(M)RPC Manufacturing****Speaker**

Giulio Aielli

11:00–11:30 **Coffee break****11:30–12:30** **Wire-based detector manufacturing****Speaker**

Gabriel Charles

12:30

Wednesday 4 December

09:00

12:30

Lectures	
Session Location: CERN, 40/S2-A01 - Salle Anderson	
09:00–10:00	Electronic readout 1 Speaker Michael Lupberger
10:00–11:00	Electronic readout 2 Speaker Roberto Cardarelli
11:00–11:30	Coffee break
11:30–12:30	Optical and hybrid readout Speaker Davide Pinci

Friday 6 December

09:00

Lectures

Session | **Location:** CERN, 40/S2-A01 - Salle Anderson**09:00–09:40** **MPGD applications in HEP****Speaker**

Paolo Iengo

09:40–10:20 **RPC applications in HEP****Speaker**

Imad Laktineh

10:20–11:00 **Wire-based detector applications in HEP****Speaker**

Margherita Primavera

11:00–11:30 **Coffee break****11:30–12:30** **Applications beyond fundamental research****Speaker**

Jona Bortfeldt

12:30