

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

10:00-11:00 **(M)RPC technologies**

Speaker

Rinaldo Santonico

11:00

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

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

12:30

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