

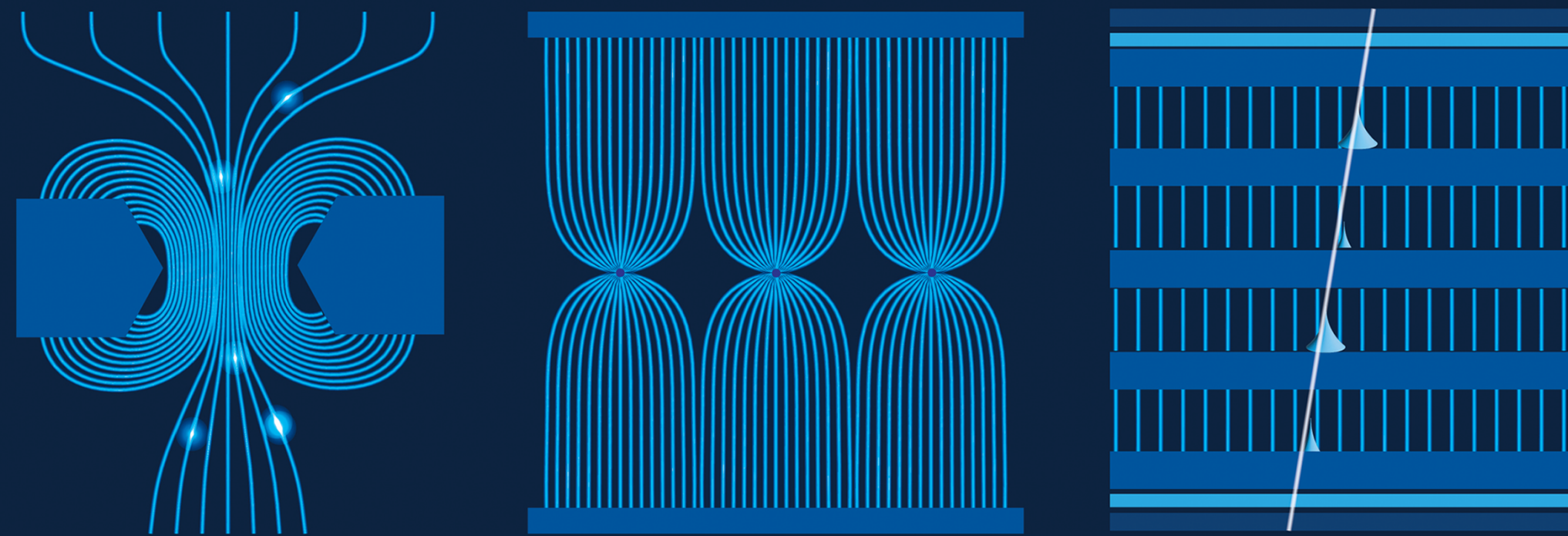
DRD1

Gaseous Detectors

School

CERN

November 27 - December 6, 2024



Scientific program

- Gaseous detector physics
- Gaseous detector technologies
- Readout technologies
- Simulation, modelling and reconstruction
- Manufacturing techniques
- Applications of gaseous detectors

The school consists of academic lectures and hands-on laboratory exercises.

The lecture program will cover MPGD, (M)RPC and wire-based detector technologies.

Lecture sessions are open to the community and can be followed in-person or by remote connection.

School website and registration

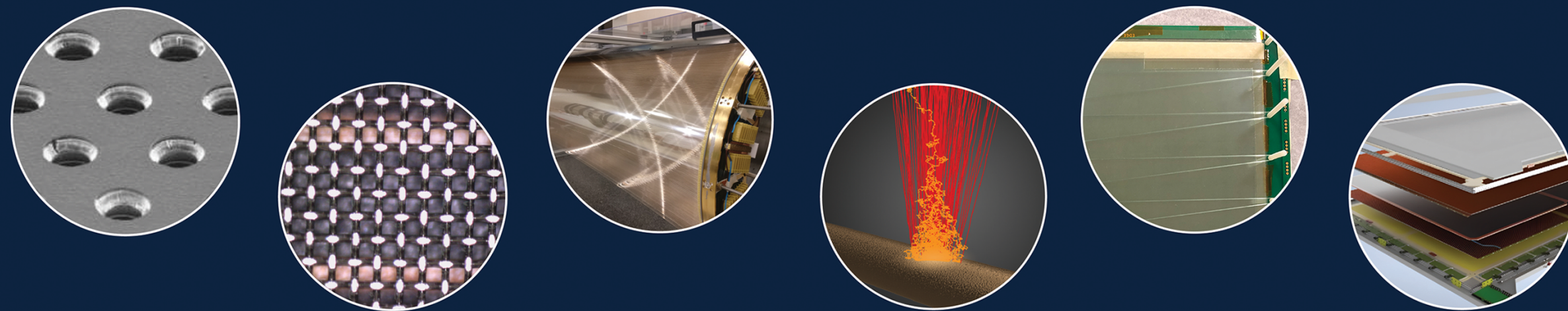
<https://indico.cern.ch/e/drd1school2024>

Application deadline: July 31, 2024

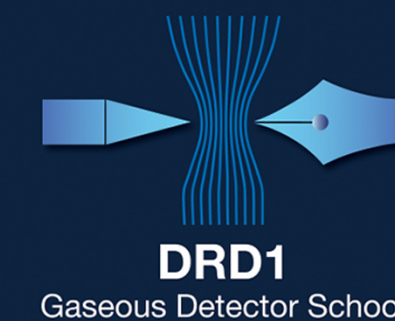
Free registration for students.

Students are invited to present a poster in a dedicated session.

Contact: drd1-school@cern.ch



DRD1



Training courses

For students attending lectures & lab exercises:

Please activate your computing account. There may be a delay of up to 12h to access safety courses after activating your computing account. In case of problem, send mail to service-desk@cern.ch

Please complete mandatory safety courses listed below before the lab exercises if not already done.

Electrical Safety - Awareness: <https://lms.cern.ch/ekp/servlet/ekp?CID=EKP000043082&TX=FORMAT1&BACKTOCATALOG=Y&DECORATEPAGE=N>

Radiation Protection - Awareness: <https://lms.cern.ch/ekp/servlet/ekp?CID=EKP000040639&TX=FORMAT1&BACKTOCATALOG=Y&DECORATEPAGE=N>

Chemical Safety - Awareness: <https://lms.cern.ch/ekp/servlet/ekp?CID=EKP000040661&TX=FORMAT1&BACKTOCATALOG=Y&DECORATEPAGE=N>

Safety at CERN: <https://lms.cern.ch/ekp/servlet/ekp?CID=EKP000040616&TX=FORMAT1&BACKTOCATALOG=Y&DECORATEPAGE=N>

In case of access of technical problems, please let us know in the coffee / lunch break.

Social events

Open for all to join

Thu, Nov 28 - 18:30h - Visit of Geneva Christmas market (<https://www.noel-au-quai.ch/>)

Meeting point in front of building 154 (lab location) at **18:30**, tram 18 to Geneva

Optional: Fondue dinner at Bains the Paquis (<https://buvettedesbains.com/>)

Sun, Dec 1 - 10-18h - Day trip by bus to Annecy with stop on Saleve

Meeting point in front of building 154 (lab location) at 9:45am

Leave Annecy at 17h to return to CERN ≈18h

Please sign up on any of the sheets outside the lecture room today or tomorrow during coffee break or after lectures

Lectures

Time for questions after all lectures

If lecturer agrees also during lectures

From Zoom: please raise hand and wait to be called

Q&A session: optional, time for additional questions after morning lectures

Lectures may be recorded and made available to registered participants

Q&A after lectures will not be recorded



Recordings from yesterday are online, attached to talks as material

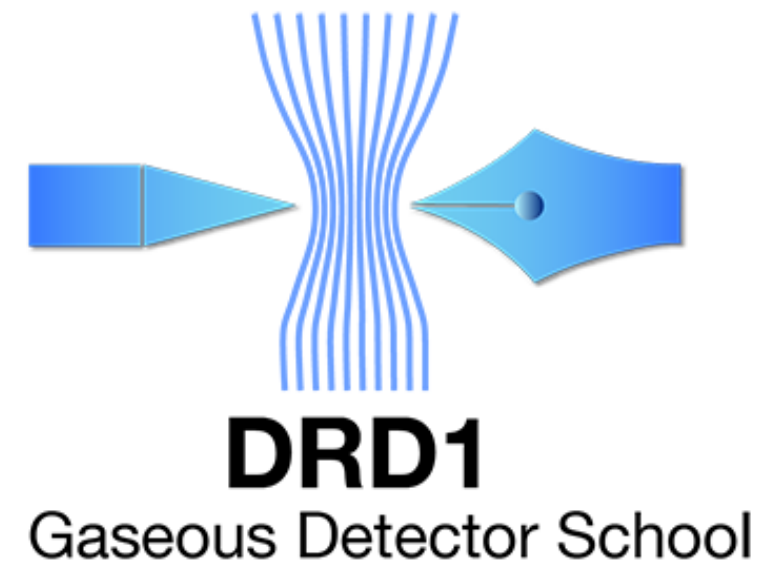
Coffee breaks upstairs (behind cafeteria) at 11:00

Please be on time to restart at 11:30



Lectures

09:00	MPGD technologies <i>40/S2-C01 - Salle Curie, CERN</i>	<i>Esther Ferrer Ribas</i> 	09:00 - 10:00
10:00	(M)RPC technologies <i>40/S2-C01 - Salle Curie, CERN</i>	<i>Rinaldo Santonico</i>	10:00 - 11:00
11:00	School photo <i>40/S2-C01 - Salle Curie, CERN</i>		11:00 - 11:15
	Coffee break <i>40/S2-C01 - Salle Curie, CERN</i>		11:15 - 11:30
	Wire-based detector technologies <i>40/S2-C01 - Salle Curie, CERN</i>	<i>Peter Wintz</i> 	11:30 - 12:30
12:00	Q&A Session (optional) <i>40/S2-C01 - Salle Curie, CERN</i>		12:30 - 12:45
13:00			



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drd1-school@cern.ch