

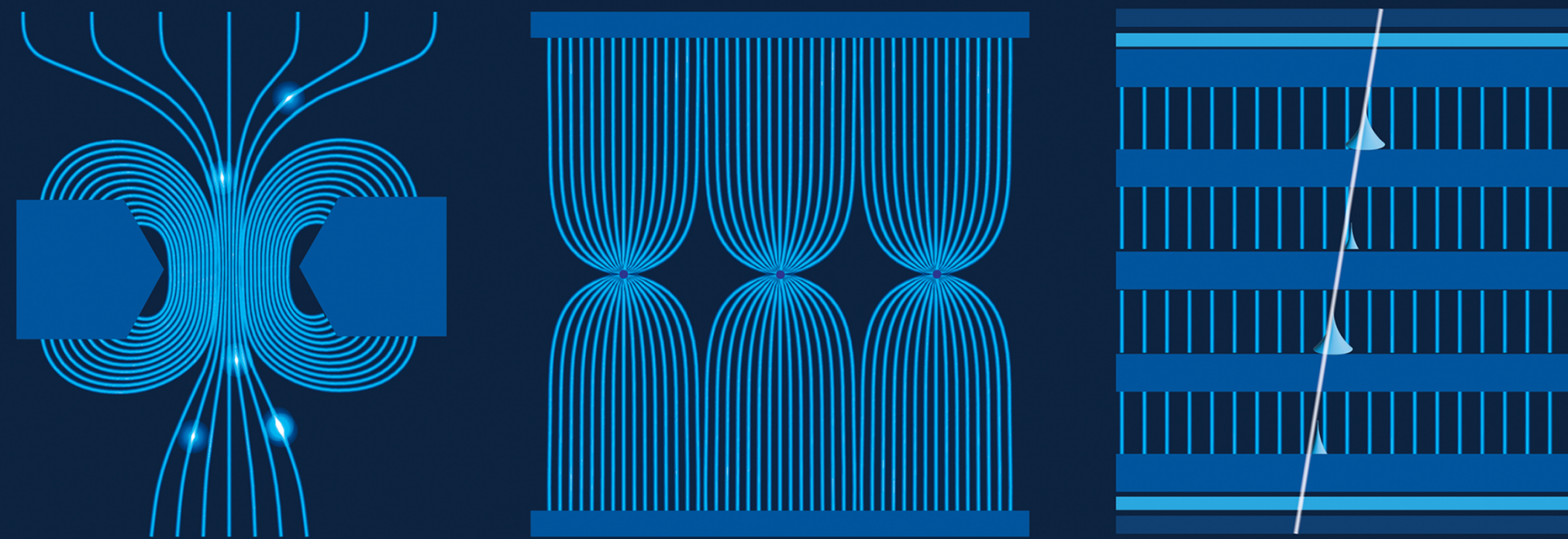
DRD1

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

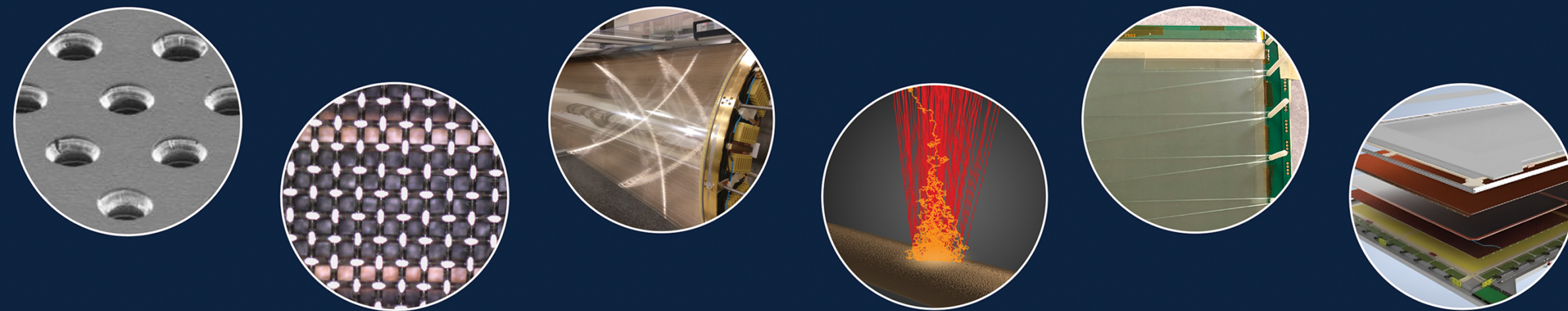
<https://indico.cern.ch/e/drd1school2024>

Application deadline: July 31, 2024

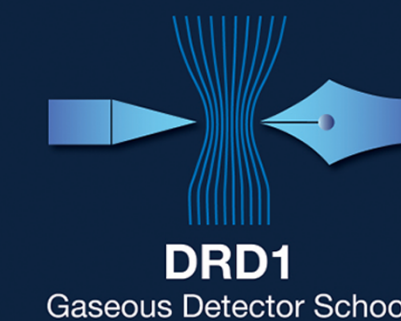
Free registration for students.

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

Contact: drd1-school@cern.ch



DRD1



Student presentations



Students are invited to give a presentations during WG8 session of DRD1 Collaboration Meeting (<https://indico.cern.ch/event/1442324/>) on Friday, Dec 13 (morning)

Content

Presentation should explain the setup and experimental methods of one of the lab exercises
Can contain results obtained during the exercise as well as additional analysis performed.
Some open questions and further analysis are given in the lab book.

Each group can present one lab exercise during the meeting

This afternoon: Session to work in lab groups to prepare presentation
Meeting point at 14:00 at building 154 (lab location)

Lectures

Time for questions after all lectures

If lecturer agrees also during lectures

From Zoom: please raise hand and wait to be called



Lectures may be recorded and made available to registered participants

Q&A after lectures will not be recorded



Recordings from Wednesday are online, attached to talks as material

Coffee breaks upstairs (behind cafeteria) at 11:00

Please be on time to restart at 11:30



Photos

Please let us know if you do not want your picture to be shared as part of reports on the school.



Lectures

	Information 40/S2-A01 - Salle Anderson, CERN	08:55 - 09:00
09:00	MPGD applications in HEP 40/S2-A01 - Salle Anderson, CERN	Paolo Iengo 09:00 - 09:40
	RPC applications in HEP 40/S2-A01 - Salle Anderson, CERN	Laktineh Laktineh 09:40 - 10:20
10:00	Wire-based detector applications in HEP 40/S2-A01 - Salle Anderson, CERN	Margherita Primavera 10:20 - 11:00
11:00	Coffee break 40/S2-A01 - Salle Anderson, CERN	11:00 - 11:30
	Applications beyond fundamental research 40/S2-A01 - Salle Anderson, CERN	Jona Bortfeldt 11:30 - 12:30
12:00	Q&A Session with CERN Director of Research and Computing 40/S2-A01 - Salle Anderson, CERN	Joachim Josef Mnich 12:30 - 13:00
13:00	Closing 40/S2-A01 - Salle Anderson, CERN	13:00 - 13:10

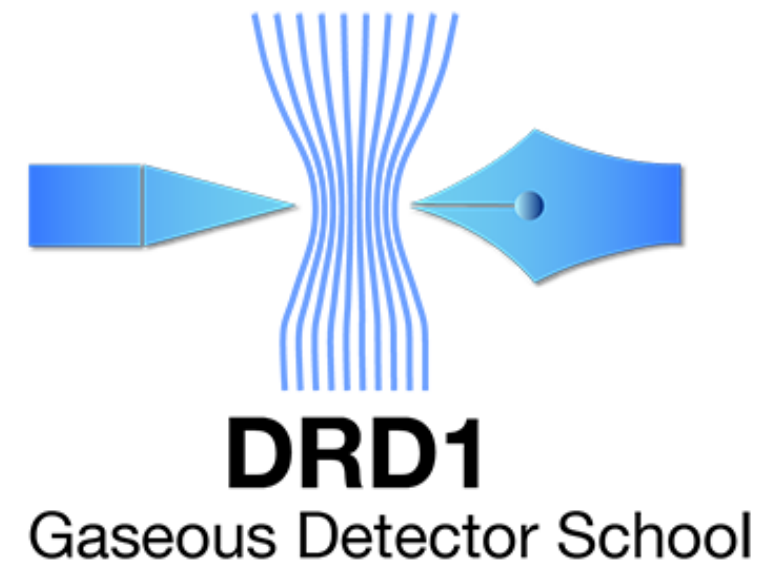
Q&A Session with Joachim Mnich, CERN Director of Research and Computing

After the last lecture - 12:30 - 13:00



Please prepare questions if you are curious:

- Future HEP perspectives
- Requirements for future detector technologies
- Career opportunities and prospects for young scientists
- Life in physics
- ...



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drd1-school@cern.ch