

# DRD1 WG 8

---

## Training and Dissemination

**Elisabetta Baracchini** (GSSI, TPC)

**Florian Brunbauer** (CERN, MPG)

**Mauro Iodice** (INFN Roma 3, MPG)

**Barbara Liberti** (INFN Roma 2, RPC)

**Alessandro Paoloni** (INFN LNF, RPC)

DRD1 Community Meeting

March 3, 2023

# WG8: Training and Dissemination

---

- Topical workshops
- Schools
- Technical trainings
- Knowledge and technology transfer
- Education and outreach
- Supporting and promoting careers

# Topical workshops

---

- Organisation of regular topical workshops included in / linked to DRD1 Collaboration Meetings
- Dedicated workshops on specific topics of interest
  - Cross-technology topics
- Identify current topics of interest and give examples of topical workshops

# Schools

---

- Highlight importance of schools for young researchers as well as for spreading experience and approaches on common tasks and techniques
- Gaseous detector physics school - **DRD1 School?**
- Topical schools in collaboration with other WGs
  - Simulation School (**WG4 - *Simulation***) - simulation tools and techniques
  - Electronics School (**WG5 - *Electronics***) - readout electronics systems developed in collaboration and instruction
  - Schools with technological focus, MPGD, RPC, TPC, wires, ...
  - Reflect working groups, common interests
  - Targeted at students and young researchers, open to all technologies

# Technical trainings

---

- Technical training events (lectures & hands-on courses) - dedicated to technicians working in the field
- Focusing on exchanging experience between technologies on practical aspects of detector production, assemblies, mechanics, ...
- Recognise **common facilities** as great opportunity for technical training in collaboration with ***WG7 - Common Facilities***
  - Organise training activities in related to common facilities (such as during common test beam campaigns or on operation of a common facility)

# Knowledge and technology transfer

---

- Events/resources dedicated to exchanging experiences on knowledge transfer to industry
- Technical training courses in collaboration with **WG6 - Production**
- List of experts and resources on technical topics as well as organisational challenges on technology transfer activities

# Education and outreach

---

- Active contribution and support of **internships** and **summer school programmes** including CERN summer student program and at other Institutes
- Promoting gas detector lectures and laboratory activities in **university courses** as well as external schools and training events
- Participate in outreach activities to general public or at high-school level to attract newcomers to the field of gaseous detectors

# Supporting and promoting careers

---

- **DRD1 award** for young researchers presented during collaboration meeting
- Invite young researcher to **leadership roles** within collaboration (e.g. WG (co-)convenorship, organising topical workshops, ...)
- Share information about **job opportunities**
- Information about **career opportunities** within and outside of research
  - Seminars linking to people who moved to other fields
- Visibility through **presentations in collaboration** meetings and topical workshops
- Opportunities for blue-sky R&D through **Common Projects**
- Link to ECFA TF9 activities and proactively promote measures via ECFA policy towards universities and institutes for the valorisation of R&D experts