

WG8

Training and Dissemination

<https://drd1.web.cern.ch/activities-wg8>

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WG8: Training and Dissemination

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

Knowledge exchange and facilitating scientific collaboration

Events

- Organisation of regular topical workshops ([stand-alone / linked to DRD1 Collaboration Meetings?](#))
- Dedicated workshops on specific topics of interest
 - [Cross-technology topics? Format/length?](#)
- Identify current topics of interest and give examples of topical workshops

Resources / repositories - in synergy with other WGs

- Repository for DRD1 notes - link to existing notes
- WG3: Database on gases / materials / detector mechanics
- WG6: Forum for sharing experiences, knowledge, and best practices on gaseous detectors
- WG7: Laboratory Handbook, Database of facilities with potential local support from DRD1 members
- [Find common approach to collect / retain / keep updated information](#)

Reference	Description	Deliverable Nature
D8.1.1	Organisation of topical workshops	Event
D8.1.2	Creation of repository for DRD1 notes	Online repository

Training and dissemination

- Highlight importance of schools for young researchers as well as for spreading experience and approaches on common tasks and techniques
- Target students, postdocs, senior researchers
 - Technology-focused schools - MPGD / RPC / Wires / ...?
 - Gaseous detector physics school - DRD1 School?
- Topical schools - Simulations / Electronics / ... ?
- Technical training events - link with WG6

Reference	Description	Deliverable Nature
D8.2.1	Organisation of gaseous detectors school	Event
D8.2.2	Identification of technical training interests and opportunities	List of possible activities
D8.2.3	Organisation of technical training course	Training event
D8.2.4	Creation of expert database	Web resource

Knowledge and technology transfer

- Events/resources dedicated to exchanging experiences on knowledge transfer to industry - WG6 - Production
- 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

Career promotion

- 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, ...)
- 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
- Job opportunities posting on DRD1 website: <https://drd1.web.cern.ch/other-jobs>
 - Listing and posting jobs forwarded by DRD1 institutes

Reference	Description	Deliverable Nature
D8.3.1	Create job opportunities listing	Web resource
D8.3.2	Initiate DRD1 award for young researchers	Event
D8.3.3	Promote young researcher participation in collaboration activities	Participation in events

Outreach and education

- 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
- Share information about existing / planned initiatives and promote participation

Reference	Description	Deliverable Nature
D8.4.1	Identify outreach activities and promote participation	Report on webpage
D8.4.2	Identify existing education setups and resources	Report on webpage
D8.4.3	Provide resources for educational setup	Description, technical plans, documentation ⁷

WG8 activities

- Defined goals and deliverables in draft proposal
- Synergies with deliverables defined by other WGs (repositories, resources, databases, ...)
- Define common tools and approach to organise / make accessible and keep up to date resources
- Strong interest expressed in survey to participate in training events
- Contact interested institutes and discuss plans for participation in WG8 activities