



# WP9, Task 9.2 Annual report

Advanced infrastructures for detector R&D  
Gaseous detector facilities

# Subtasks of 9.2

- Subtask 9.2.1 (CEA, CERN, DESY, ULund) : Upgrade of the Large Prototype at DESY
  - Superconducting solenoid
  - Endplate integration and Read-out system
- Subtask 9.2.2 (CERN) : Infrastructure for the production of large MPGDs
- Subtask 9.2.3 (CEA, DESY, Ubonn, FOM) Common readout systems for gaseous detectors (pixellated readout)

# Subtask 9.2.2

- Rui de Oliveira cannot be here (too busy running the CERN MPGD workshop) but:
  - 9 new machines, delivery almost complete (785 kCHF payed by CERN), commissioning in progress. 2x1m<sup>2</sup> Micromegas, 2x0.5 m<sup>2</sup> GEMs.
  - 2 years of fellow on AIDA funds (240 kCHF) for commissioning of the new equipment and redefinition of the production parameters
- Lots of 'clients' for prototyping (MM Muon chambers for ATLAS upgrade and for muon tomography, GEM Muon chambers for CMS upgrade, GEMs for GSI, plus tens of smaller projects, and more to come...

# Goals of this meeting

- To review progress after one year
- To monitor the spending
- To try to make collaboration more efficient where possible (discussion chaired by Klaus Desch)