

First Circular

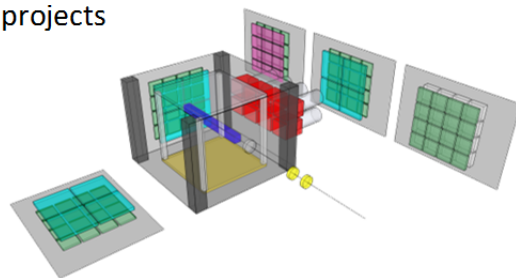
ENSAR2 is the integrating activity for European nuclear scientists who are performing research in three of the major subfields defined by NuPECC: Nuclear Structure and Dynamics, Nuclear Astrophysics and Nuclear Physics Tools and Applications. Within ENSAR2, the Gas-Filled Detectors and Systems Network Activity (GDS), gathers experts who are developing new techniques and capabilities with gaseous detectors and gas-filled spectrometers to overcome the challenges associated with high-intensity and heavy-ion beams, to develop new gases and mixtures, to couple GDS to auxiliary detectors and to study applications for GDS in strong and non-uniform magnetic fields.

GDS announces the first of its four Topical Meetings: GDS coupling to auxiliary detection systems. This meeting is devoted to auxiliary detectors to be used in combination with GDS. Topics like particle gamma-ray and neutron detectors inside a gas-filled detector or spectrometer will be covered, together with the associated electronics coupling and readout systems, complex simulation environments and integration issues.

The workshop will consist of several invited and contributed talks. Abstract submission for contributed talks is now open on the workshop webpage (see below). Abstracts will be accepted until December 12, 2016.

The following topics will be covered:

- Gas detections systems: ongoing and forthcoming projects
- Charged Particle Detectors for GDS
- Gamma-ray detectors for GDS
- Neutron detectors for GDS
- Simulation frameworks for complex systems
- Electronics for GDS and auxiliary detectors
- Integration issues



The meeting will be held at Legnaro National Laboratories (INFN, Italy) on January 25th-27th, 2017.

More details on the web page of the event: <http://agenda.infn.it/event/gds.ensar2>



With best regards

The Organizing committee