



Hands-on Workshop on Operation, Test and Repairs of Ge Detectors

FIRST CIRCULAR

We have the pleasure to announce that the first "*Hands-on Workshop on Operation, Test and Repair of Ge detectors*" will take place Institute of Nuclear Physics of the University of Cologne, **IKP** from **4th to 7th September 2018**.

SCOPE AND TOPICS

This workshop is addressed specially to physicists, technologists and technicians involved in maintenance and repairing of any type of Ge detectors.

The aim of the workshop is to transfer the knowledge available in the community summarizing problems and solutions for the different types of detectors running today in Europe, i.e. from single tapered crystals to AGATA capsules.

Final goal of this workshop would be the consolidation of the community of experts as a first step for the creation of a Distributed HPGe Detectors European Laboratory.

Main topics of the workshop will be:

- Introduction to the basics of Ge detectors
- History of Ge detectors
- Production of Ge detectors: Planar, coaxial, segmented detector
- Cryostats and vacuum issues
- Properties and test procedures of Ge detectors
- Diagnosis of failures and strategies for repairs
- Specific problems of different detector types: standard n-type, p-type, Clover detectors, segmented detectors and encapsulated detectors (MINIBALL, AGATA)

REGISTRATION

Participants are invited to register using the registration form available in the web site before **12th August 2018**.

Financial support could be available upon request to attend this Workshop through your local NuSpIn responsible in Italy, France, Spain or UK or contacting the NuSpIn responsible in Germany, Magda Gorska at GSI (m.gorska@gsi.de).

ACCOMMODATION and TRAVEL INFORMATION

The participants have to take care themselves of the hotel registration (Booking.com, HRS, etc.). The hotel prices will increase with time because our workshop just happens between two international events in the Cologne area.

IMPORTANT DATES

The workshop will start on Tuesday, September 4th, at 14:00 and will finish on September 7th at 12:30.

- Registration: before 12th August 2018.
- Deadline for financial requests: 15th July 2018.
- Accommodation booking: as soon as possible!

CORRESPONDENCE

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WEB PAGE

Updated information on the Workshop can be found on the web page <http://agenda.infn.it/event/nuspin.hpge2018>

ORGANIZING COMMITTEE

Peter Reiter (IKP), Christoph Fransen (IKP), Herbert Hess (IKP), Jürgen Eberth (IKP), Daniel R. Napoli (INFN), Magdalena Gorska (GSI) and Silvia M. Lenzi (Unipd & INFN).



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