

EGAN



The European Gamma and
Ancillary detectors Network
of **ENSAR**

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European Nuclear Science and Applications Research **ENSAR**



Integrated Infrastructures Initiative in Europe (FP7)

ENSAR is the integrated activity for European nuclear scientists who are performing research in three major subfields:

- Nuclear Structure
- Nuclear Astrophysics
- Applications of Nuclear Science

Size of the community: ~3000 physicists and engineers



ENSAR – FP7



Integrated initiative for Nuclear Science Research
scientists from 27 countries

Funded 8 M€. **Period: 2010-2013**

7 Transnational Access facilities: INFN-LNL-LNS, GSI, GANIL,
JYU-JYFL, CNRS-ALTO, RUG-KVI, CERN-ISOLDE

7 Joint Research Activities: ARES, ActiLab, PREMAS, INDESYS,
SiNuRSE, EWIRA, THEXO

6 Network Activities: FISCO, ECOS, EURISOL Net,
ATHENA, **EGAN**, EFINION

European Gamma and Ancillary detectors Network EGAN

a common forum for the **high-resolution**
gamma-ray spectroscopy
and **ancillary instrumentation** community

actions (1)

Promote

the optimum use of the resources

pooling of distributed equipment for large-scale projects

development of new technologies

collaboration for the maintenance of detectors

enhancing detector labs synergies

transfer of knowledge

training courses for young researchers

exchange key personnel

collaborative ventures

between experimental research groups

between experimentalists and theoreticians

actions (2)

Coordinate

design and construction

ancillary devices

mechanical design compatibility

development

data acquisition and electronics

integration

γ detectors and ancillaries

the tasks

Task 1 Coordination of Scientific Activities and Dissemination

- **Scientific Committee** for mutual cooperation and organization of experimental campaigns: *ensure efficiency, innovative and optimum use of the resources*
- **Website:** <http://egan.inl.infn.it>
- **Coordination with hosting infrastructures:** Meetings in GSI (July 2009) and LNL (November 2010), of the AGATA management and the Directors of GSI, GANIL and LNL.

the tasks

Task 2 Coordination on Ancillary Instrumentation

Working Groups:

WG1: Cooperation on the **use, design and construction** of ancillary detectors to maximise the performance and compatibility of the devices optimising the investments.

WG2: Cooperation on designing and building the **electronics and data acquisition** and on the mechanical integration.

WG3: Exchange of information on the development of **simulation tools**

the tasks

Task 3 Collaboration Workshops

basic research
technical developments
applications

organized on an annual basis in four different countries,
will allow the whole community to meet together, to present
scientific results, to strengthen collaborations and to start
new ventures.

the tasks

Task 4 Transfer of knowledge

training courses for new users
on biannual basis

exchange of key personnel
*to ensure common knowledge base in
detectors development and maintenance*

The complementarities between collaborations specialized in different types of detectors and/or technologies constitute a knowledge base to be shared and transferred to the new users.

Scientific Committee

Faiçal Azaiez (Orsay)
Angela Bracco (Milano)
Bo Cederwall (Stockholm)
Gilles de France (GANIL)
Jürgen Gerl (GSI)
Sotirios Harissopulos (Athens)
Rolf-Dietmar Herzberg (Liverpool)
Jan Jolie (Cologne)
Rauno Julin (Jyvaskyla)
Peter Reiter (Cologne)
John Simpson (Liverpool)
Julian Srebrny (Warsaw)
Calin Ur (Padova)
Piet Van Duppen (Leuven)

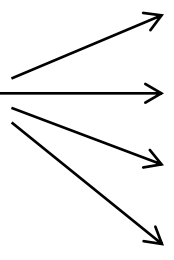
Working Groups

will be formed during the meeting
following this Workshop

Steering Committee and funds distribution

S. Lenzi (U. Padova and INFN) (coordinator)
Andres Gadea (IFIC-Valencia)(deputy coordinator)
Magdalena Gorska (GSI)
Araceli Lopez Martens (IN2P3-Orsay)
Daniel Napoli (INFN-LNL)
Paul Nolan (U-Liverpool)

Total funds (4 years) ~ 120 k€



- Darmstadt
- Liverpool
- Orsay
- Padova

4 workshops
2 training courses
exchange personnel
meetings of the WG
meetings of the Sci Com.
meetings of the Lab Dir.

upcoming events

Task 1 and 2

Meetings of the EGAN Committees

Friday 1st July will be devoted to the meetings of the EGAN Scientific Committee, Working Groups and Steering Committee

Task 4

Training Course for young researchers

3-9 December, 2011 in Liverpool. Organizer: Paul Nolan



Welcome to

EGAN 2011