GRAN SASSO SCIENCE INSTITUTE
CENTER FOR ADVANCED STUDIES
Istituto Nazionale di Fisica Nucleare

INFN

ISTITUTO NAZIONALE DI FISICA NUCLEARE

GRAN SASSO SCIENCE INSTITUTE

The National Institute for Nuclear Physics (INFN) offers 16 (sixteen) positions for research activity at the International Doctoral School Gran Sasso Science Institute (GSSI) in the fields of interest of the Institute (Physics, Mathematics, Computer Science and Urban Studies).

Applicants must hold a Ph.D degree or an equivalent qualification. There is no age limit for applicants; however they must have earned their doctoral degree not earlier than January 1, 2007. Candidates who are preparing their doctoral thesis are eligible to apply; however, they must have obtained their Ph.D degree before taking up their appointment with INFN-GSSI.

The research topics and the number of research grants are listed in the Annex 1. Candidates can only apply to one research topic.

The annual gross salary is € 40.000,00. Each research grant is initially granted for two years and may be extended to a third year. Travel tickets to and from L'Aquila will be reimbursed at the beginning and at the end of the research grant; also lunch tickets will be provided for working days.

Applications, in electronic form, must be sent to GSSI no later than ***December 8, 2013 at 6:00 pm (Rome time)*** through the website http://www.gssi.infn.it.

The applications must specify the research topic among those listed in Annex 1, and must include:

- a curriculum vitae;
- a detailed research statement;
- a publication list;
- three reference letters (specifying first name, surname, affiliation and e-mail of each referee).

For each research grant, primary consideration will be given to candidates working on the research topics indicated in Annex 1; however, candidates working on different topics may also be considered. No interview to candidates is planned in the selection process.

At the end of the selection process, the candidates will be informed by e-mail about the result of their application. Successful candidates will then receive an official communication from the INFN Administration Offices. Selected candidates are expected to start their appointments not later then **November 1st, 2014.** Special requests to defer the starting date may be considered.

ANNEX 1

Research Topic	**Positions**
Astroparticle Physics	6
Urban Studies	4
Mathematics in Natural, Social and Life Sciences Non linear partial differential equations kinetic models, fluids and waves. Stochastic particles systems and macroscopic limits. Continuum mechanics of solids, fluids and biological matter	3
Computer Science Foundations of social and computer networks. Software systems and services. Specifications and analysis of concurrent reactive systems.	3