



Second GraWIToN School- 1st DAS school 9 – 13 November 2015

The GraWIToN European Consortium organizes a one-week school, addressed to PhD students and young post-docs in scientific disciplines, focused on gravitational wave data analysis, at the Gran Sasso Science Institute (GSSI), in L'Aquila.

[GraWIToN](#) is an Initial Training Network (ITN), funded by the European Commission in the seventh Framework Programme, focused on the training of Early Stage Researchers (ESRs) in the gravitational wave (GW) research field. This research field is in an impressive expansion period, thank to a 2nd generation of GW detector (GWDs) currently under installation and commissioning, promising the GW signal discovery in few years. The whole GraWIToN project with its schools, coherently with the spirit of the ITN Marie Curie Actions, will train young researchers both for a future in the academia and in the private industrial sector, in particularly for the R&D-based companies that are the suppliers of high-tech components and apparatuses.

The 2nd GraWIToN school is part of [a set of schools](#) scheduled in the GraWIToN project dedicated to different aspects of GW and astrophysics research: Optics, Simulation, High Power Lasers and Data Analysis (DAS). This Data Analysis School will be the first of two schools dedicated entirely to GW data analysis. In the first school we will concentrate on the analysis of data for Gravitational Transient Signals (Burst, CBC and EM Follow Up); instead, in the second one, we will focus on continuous signals (Pulsars, Stochastic Background).

The school starts on November 9, Monday and ends on November 13, Friday. Tuesday 10th of November will be devoted to institutional duties for the GraWIToN ESRs (Mid-Term Review meeting) and, for the external students, to other activities. One week, during which students can follow lectures by the experts in the GW community and become ready for their work path.

Great importance will be given to 'hands-on' work and all the modules of the schools will be integrated with practical sessions.

Full programme, registration page and further details are available at the link:

<http://events.ego-gw.it/indico/event/2ndGraWIToNSchool>



GraWIToN Full Partners:

- European Gravitational Observatory
- Istituto Nazionale di Fisica Nucleare
- Laser Zentrum Hannover
- Max Planck Gesellschaft
- Gooch & Housego (UK) Ltd
- The University of Birmingham
- The University of Glasgow
- Boostec SA
- Università di Pisa

GraWIToN Associated Partners:

- Leibniz Universitaet Hannover
- TRII s.r.l.
- neoLASE
- Ecole National d'Ingénieurs de Tarbes
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2nd GraWIToN School Partners:

- Virgo- Ego Scientific Forum (VESF)
- Società Italiana di Relatività Generale e Fisica della Gravitazione (SIGRAV)
- The International Doctorate Network in Particle Physics, Astrophysics and Cosmology (IDPASC)
- GSSI Gran Sasso Science Institute



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