

SNCT 2025

Construindo Pontes: Caminhos de Formação e Pesquisa entre Brasil e Itália

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Agenda

- Apresentações
- GSSI
 - Overview
 - Programas de doutorado e mestrado
- UnivAQ
 - Overview
 - Processo para admissão no programa de mestrado
 - Perguntas e dúvidas

João Cândido

Quem sou?

- 24 Anos
- Programador
- Graduado no IFSP - Campus Jacareí em ADS

Trajetória Acadêmica e Profissional

- Iniciação Científica
- Monitor de Disciplinas de Programação
- Estágio na Prefeitura de Jacareí
- Estágio na Rede D'Or São Luiz
- Desenvolvedor Fullstack na Rede D'Or São Luiz
- Mestrando em Ciência da Computação pelo GSSI/UNIVAQ



GSSI - opportunities

L'Aquila - Italy





UNIVERSITÀ
DEGLI STUDI
DE L'AQUILA



Istituto Nazionale di Fisica Nucleare
Laboratori Nazionali del Gran Sasso

GSSI

- International PhD school and a center for research and higher education.
- Created in 2016, as the Italian graduate school of advanced studies.
- A project supported by the [Organization for Economic Cooperation and Development \(OECD\)](#).
- The school welcomes professors, researchers and students selected internationally following the best graduate schools standards worldwide.
- Main goal is to strengthen the scientific excellence.

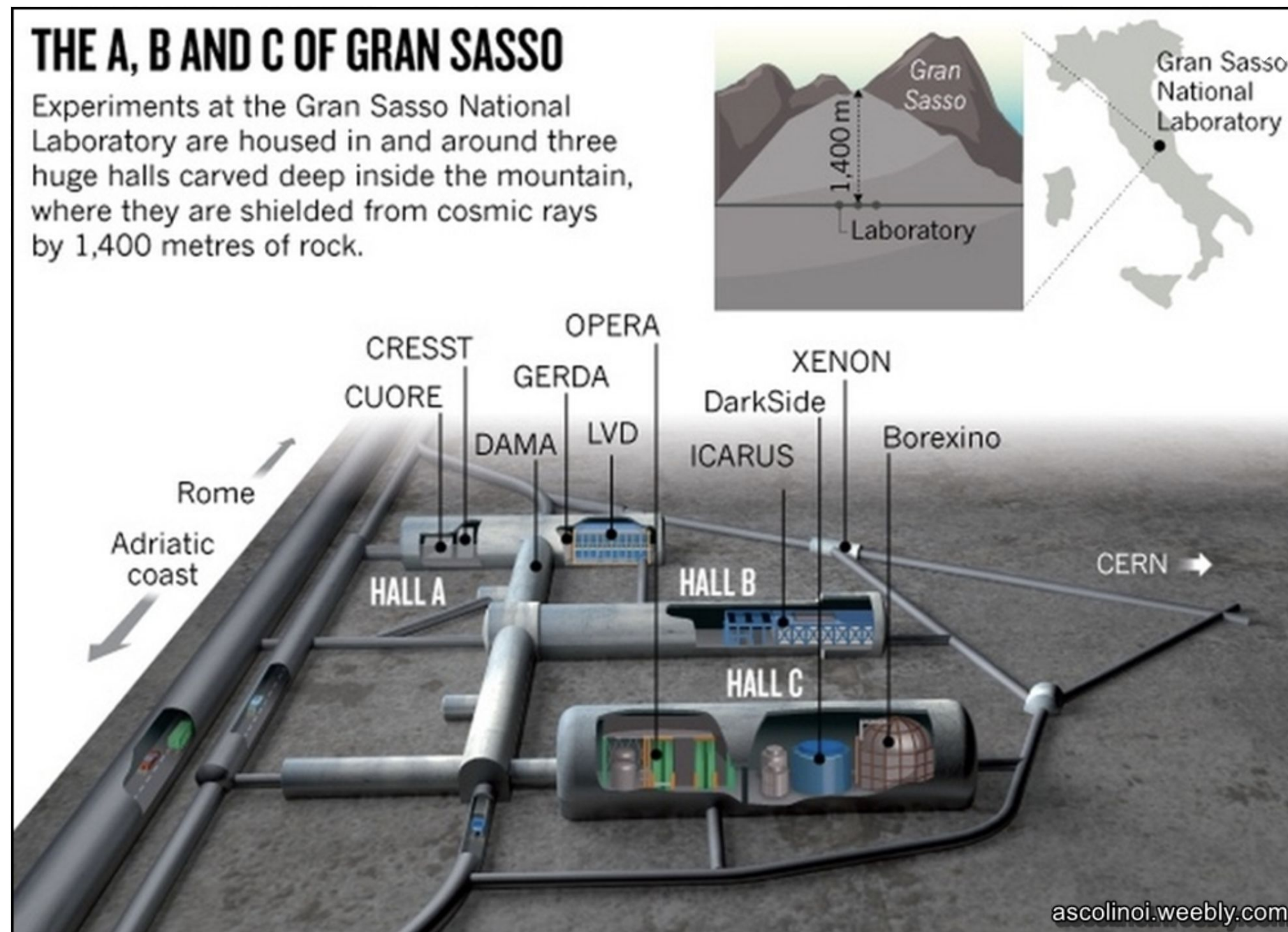
From <https://www.gssi.it/institute/about>



Areas / Departments

Astroparticle Physics

- ❑ The largest underground laboratory in the world devoted to the areas of particle physics, cosmology, and astrophysics;
- ❑ Used as a facility worldwide by scientists from 29 different countries;
- ❑ Around 1100 scientists;
- ❑ Research activities range from neutrino physics to dark matter search, to nuclear astrophysics, and also to earth physics, biology and fundamental physics.



Areas / Departments

Mathematics

- Applied Partial Differential Equations, Probability and Statistical Mechanics, Numerical methods and Continuum Mechanics modeling.

Regional Sciences and Economic Geography

- i) Inner Areas and Peripheral Development; ii) Disasters and Regional Resilience; iii) Human Capital, Migration and Local Labour Markets; iii) Culture, Tourism and Regional Urban Development; iv) Business, Innovation and Environmental Sustainability Within and Across Regions; v) Regional Policy Evaluation and Local Governance.

Areas / Departments

Computer Science

- Interdisciplinary research on [algorithms](#), [formal methods](#), and [software engineering](#).
- The Computer Science Group is the first computer science department in Italy in 2022 ranking ANVUR and national department of excellence.
- Additional positions and building [autonomous systems](#), [IoT](#), [Robotics](#), and [algorithm-engineering](#) laboratories.



Postdoc positions

<https://www.gssi.it/communication/announcements>

- There is no fixed deadline.
- The last call was in December.
- Annual gross salary: € 45.000,00 renewable (gross amount before taxes).
- The duration of the appointment is 24 months.
- Contribution for the purchase of a laptop up to a maximum of € 3.000.

Requirements:

- Applicants must hold a PhD degree or an equivalent qualification. The PhD title should be earned before starting the appointment.
- The application must include the following documents:
 - a curriculum vitae, including the complete list of publications;
 - a research statement;
 - up to three selected publications which will be evaluated individually.The PhD thesis can be included, since it is considered as a publication;
- a valid ID document;
- the candidate can also suggest the names of up to two external referees.

<https://applications.gssi.it/postdoc>



PhD program

PHD CALL FOR APPLICATIONS 2025/26 CLOSED - MAY/25

- ❑ 12 scholarships for each program (this year, CS had 16 positions)
- ❑ Official language of the Ph.D. Programmes: English.
- ❑ Activities and Duration: The Ph.D. Programmes last four years.
- ❑ The Academic Year will start on November 1st 2025.
- ❑ GSSI awards scholarships until the dissertation defense and for a maximum of four years.
- ❑ The yearly gross amount of the scholarship is € 16.243,00. An additional 50% on a monthly basis may be awarded for research periods abroad if approved by the GSSI.
- ❑ Free accommodation on the first year at the guest house. From the second year on, a financial substitute of 350 Euros.
- ❑ Free lunch vouchers.
- ❑ A contribution of up to 1.200,00 euros for the purchase of a laptop for study and research purpose.

<https://gssi.it/communication/announcements/item/25738-call-phd-ay-2025-2>

PhD program

Requirements:

- ❑ English knowledge is compulsory.
- ❑ Applications are open to candidates in possession of one of the following degrees:
 - “Laurea Magistrale” or “Laurea Specialistica” or a four or five years degree.
 - a foreign University degree (minimum legal duration of the University course: four years). The eligibility of foreign degrees is assessed by the Selection Committee.
- ❑ Applicants obtaining their degree by no later than October 31, 2025 may apply.

May 30th, 2025

www.gssi.it/phd/

Application

- ❑ Applicants must fill out the online application form (www.gssi.it/phd/):
 - a copy of the University degree certificate
 - an academic transcript (list of the courses attended at the University with grades)
 - a Curriculum Vitae
 - a copy of a valid Identity Document (ID) signed and dated
 - motivational letter describing expertise and main research interests, a research project indicating the main subjects the candidate would like to approach during the Ph.D. Programme, the reasons for having chosen GSSI for Ph.D. studies.
 - assessment of all the applications admitted, ending with the shortlist of candidates admitted to the interview.
 - interview: a comprehensive in-person or remote interview in English, in order to assess their aptitude for research in the curriculum for which they have applied, as well as their English proficiency.



UnivAQ - opportunities

UNIVAQ



**UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA**

- Public teaching and research institution offering a full range of academic programmes including biotechnologies, sciences, economics, engineering
- Established in 1952
- 69 degree courses (divided between first and second level degrees), 9 research doctorate programmes, specialisation schools, specializing-master courses and vocational courses.

From <https://www.univaq.it/index>



Areas / Departments



Biotechnological and
Applied Clinical
Sciences



Industrial and
Information
Engineering and
Economics



Civil,
Construction-Architectural
and Environmental
Engineering



Life, Health and
Environmental
Sciences



Human Studies



Physical and
Chemical
Sciences



Areas / Departments



Information Engineering, Computer Science and Mathematics

- Responsible for the Computer Science course and many others
- International Courses in English and Italian
- 401-500 in Computer Science (12-19 in Italy) in the THE WUR - Times Higher Education World University Rankings

From <https://www.univaq.it>

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