

**SNCT 2025**

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

João Cândido Caymmi e Luciana Rebelo

**29 de Outubro, 2025**



# 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

# Sejam bem-vindos ao WebMedia 2019

XXV SIMPÓSIO BRASILEIRO DE SISTEMAS MULTIMÍDIA E WEB



29 DE OUTUBRO A 01 DE NOVEMBRO

SBC.ORG.BR / WEBMEDIA

REALIZAÇÃO

PATROCÍNIO

ORGANIZAÇÃO



GRAN SASSO  
SCIENCE INSTITUTE

SCHOOL OF ADVANCED STUDIES  
Scuola Universitaria Superiore



INSTITUTO FEDERAL  
DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA  
São Paulo

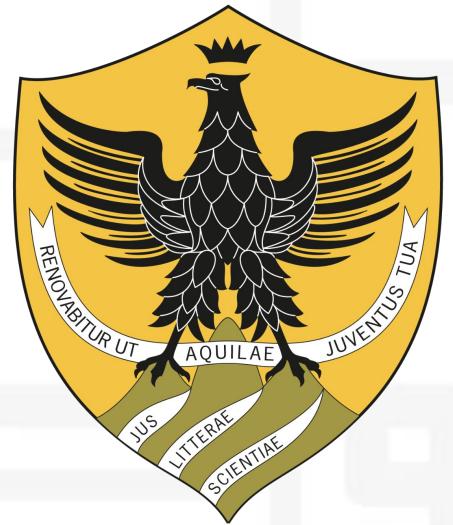


# GSSI - opportunities

# L'Aquila - Italy



G S  
S I



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.

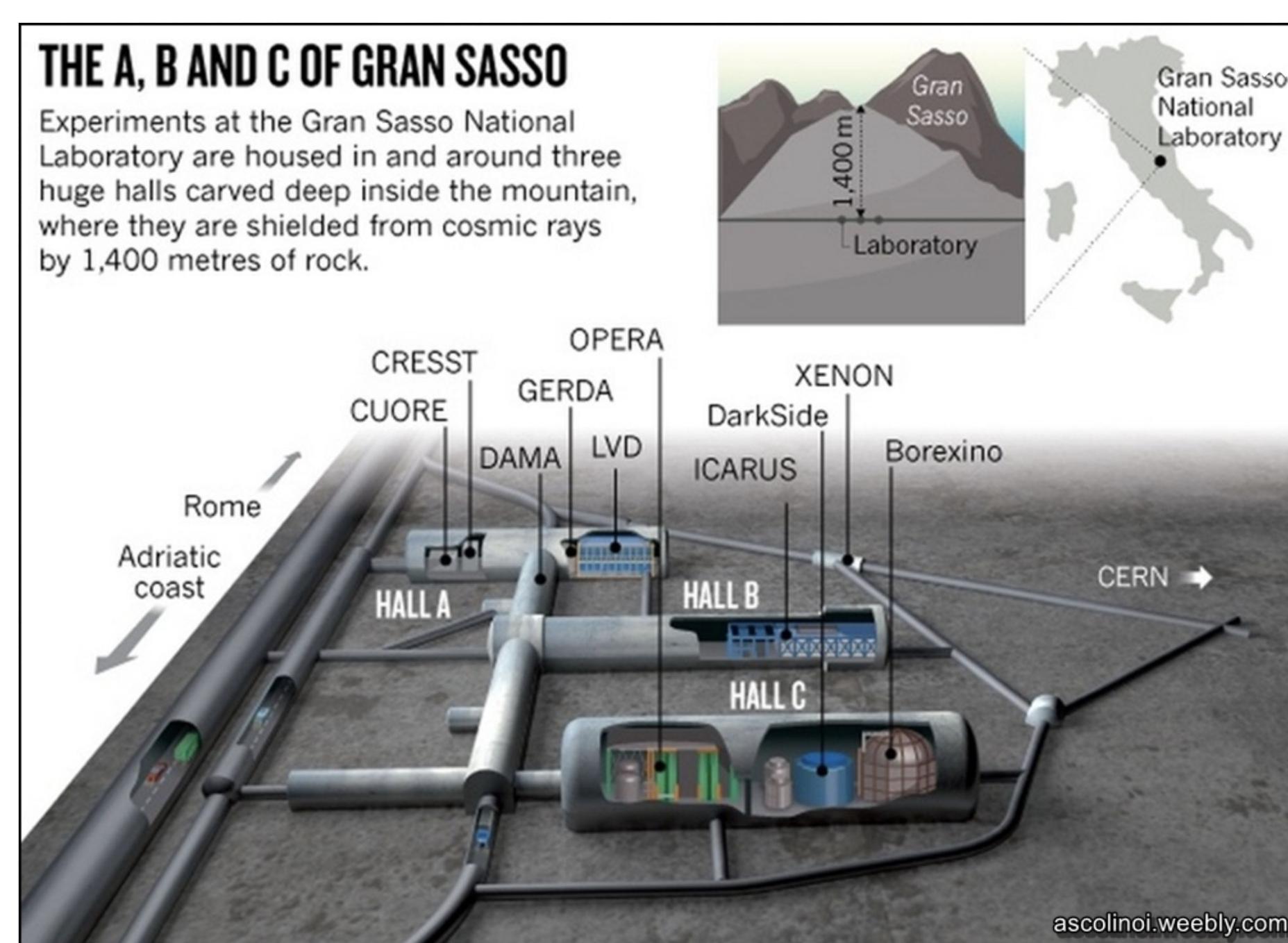
From <https://www.gssi.it/institute/about>



# Areas / Departments

- ❑ 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.

## Astroparticle 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; iv) Culture, Tourism and Regional Urban Development; v) Business, Innovation and Environmental Sustainability Within and Across Regions; vi) 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-2025-2026>

# 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

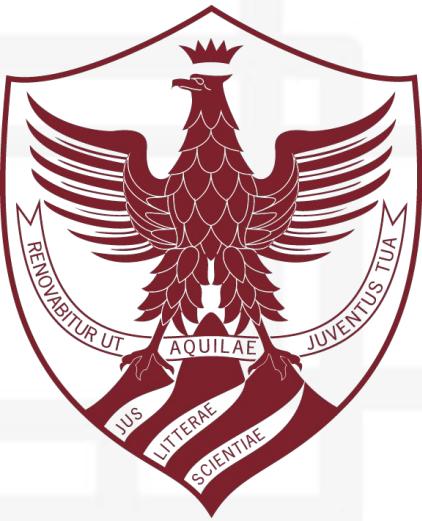
[www.gssi.it/phd/](http://www.gssi.it/phd/)

## Application

- Applicants must fill out the online application form ([www.gssi.it/phd/](http://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



UNIVERSITÀ  
DEGLI STUDI  
DELL'AQUILA

# UNIVAQ

- 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



Civil,  
Construction-Architectural  
and Environmental  
Engineering



Human Studies



Industrial and  
Information  
Engineering and  
Economics



Life, Health and  
Environmental  
Sciences



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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<https://lurebelo.github.io>

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<https://github.com/candido-caymmi>

