

CALL FOR INTEREST “PhD FOR INNOVATION”.**Call to promote Talent Valorization and Innovation
Approach of PhD students and postdocs.****Application Deadline: April 18th, 2023**

PhD FOR INNOVATION brings together talent and innovation, academia and companies. Promoted by SISSA, it is the project that aims matching best skills with companies: the two languages, academia and business, will meet in the field for impact creation, with the aim of creating concrete opportunities for the future of the PhD students.

Companies from all over Italy and of all sizes (from start-ups to SMEs and large corporations) can participate in this exclusive programme to test the potential and talent of PhD students from the six Italian Schools of Excellence: SISSA (Trieste), Scuola Superiore Sant’Anna (Pisa), Scuola Normale Superiore (Pisa), IUSS (Pavia), Scuola IMT Alti Studi (Lucca) and GSSI (L’Aquila).

Purpose

The purpose of this Call is to encourage, on one hand, the collaboration between companies and scientific research in the mechanism of knowledge transfer and production, and, on the other hand, to facilitate the constitution of interdisciplinary and non-interdisciplinary PhD groups that could work in synergy and that could apply their problem-solving skills and their methods and knowledge to punctual and actual innovation problems deriving from the real world.

In the view of placement and talent valorization, the opportunity to directly collaborate with the industry offers to PhD students and young researchers the possibility to enrich their educational background by putting them in contact with new approaches, languages, and points of view useful to enrich their career opportunity and in addition increasing their visibility and letting them confront themselves with punctual and concrete challenges.

Application requirements

The application criteria of this Call are the following: to be PhD student or a postdoc from the six Italian Schools of Excellence: SISSA (Trieste), Scuola Superiore Sant’Anna (Pisa), Scuola Normale Superiore (Pisa), IUSS (Pavia), Scuola IMT Alti Studi (Lucca) and GSSI (L’Aquila).

Participation

The PhD student/postdoc teams (in exceptional case we consider single applications) interested to participate in the present Call shall, first, indicate which specific thematic macro areas (among those listed in Annex 1) they are interested in.

After receiving the expression of interest, the student will receive from SISSA Valorisation and Innovation Office (promoter and organizer of the project) the challenges coming from the companies involved in the indicated topic.

Approximately, we consider the project duration to be around 2 months with a 2/3 hours per week for each member, in any case this commitment shall be compatible with the research activities provided for each PhD course and postdoc activity and it shall not compromise in any way their regular execution.

Project selection

Once the topic of interest has been chosen, business challenges will be sent out and teams will be formed according to interest.

At this point, teams and companies can start working on the project (the kick-off meeting is scheduled the 21st of April 2023 within the Mini-Spring Innovation School)

Confidentiality

Each member of the groups admitted is asked to sign a statement of Non Disclosure Agreement (NDA) to ensure the confidentiality of sensitive information of the company the member will come into contact with during the implementation of the working plan, as well as to protect the possible industrial secret in the meantime developed.

The output will be considered confidential, and it will be at the company's disposal.

Educational Training Certification

Each Student/postdoc who, as member of a team that will complete the implementation of the working plan arranged with the company, receives a formal certificate of participation.

Individual Incentive

SISSA provides a budget for attending the “Mini-Spring Innovation School” (to be held in Trieste on 20th and 21st of April 2023) to cover the expected costs such as possible missions for students from Schools not located in Trieste.

Information and mode of application

Submit the Application Form of Annex 1 within the 18th of April 2023.

In any case, we invite everybody who would possibly be interested in the initiative to contact the SISSA Valorisation & Innovation Office (valorisation@sisssa.it, 040 3787 276-551) for any kind of further information and/or explanation.

Closure of the projects and scientific report

The project closure will be after the meeting with the company referee and the delivery of a report containing the results deriving from the implementation of the working plan, as shared and updated with the same referee.

The project delivery deadline is 30th June 2023.

The Company will attribute an evaluation on the quality of the work done in consideration of what initially supposed and arranged.

Annex 1 – Application Form PhD FOR INNOVATION

Name and Last Name _____

School _____

PhD Students' Doctoral course and year / Postdocs' Scientific Area

Email _____

Phone number _____

Thematic

Please choose the macro area you are interested in:

- Additive Manufacturing
- Agricultural Science
- Artificial Intelligence (AI)
- Astrophysics
- Big Data
- Circular Economy
- Computational Chemistry
- Cultural Heritage
- Green Economy
- Green Science
- High Performance Computing (HPC)
- Information and Communication Technology (ICT)
- Life Science (MedTech, BioTech, Pharma, Neuroscience)
- Linguistics
- Mechanics and New Materials
- Microelectronics
- Nanomedicine
- Nanotechnologies
- Natural Hazard and Risk
- Photonics
- Quantum computing
- Quantum technologies

- Robotics and Biorobotics
- Seismic Engineering
- Social and Human Sciences
- Soft Matter
- Space Economy
- Space Tech
- Sustainability

Please attach your CV

CONSENT TO THE PROCESSING OF PERSONAL DATA

In accordance with articles 13 and 23 of Legislative Decree no. 196/2003, by signing this form I give my consent to the processing of my personal data in the manner and for the purposes set out in the attached information note.

Read, confirmed, and signed.

SIGNATURE
