



Post Title: Associate Research Scientist
Domain: Science, Technology and Innovations Unit
Post Number: 1ITSC 0888TP & 1ITSC 0889TP
Grade: P-1 / P-2
Organizational Unit: ICTP
Primary Location: Trieste, Italy
Recruitment open to: Internal and external candidates
Type of contract: Fixed Term
Deadline (midnight Trieste time): **17-MAR-2023**

UNESCO Core Values: Commitment to the Organization, Integrity, Respect for Diversity, Professionalism

OVERVIEW OF THE FUNCTIONS OF THE POST

Founded in 1964 by the late Nobel Laureate Abdus Salam and located in Trieste (Italy), the Abdus Salam International Centre for Theoretical Physics (ICTP) seeks to accomplish its mandate by providing scientists from developing countries with the continuing education and skills that they need to enjoy long and productive careers.

Under overall guidance from the Senior Coordinator (Research & Partnerships) and under the supervision of the Research Scientist coordinating the Unit, the incumbent will carry out research in one of the fields of the Unit, provide mentoring to post-doctoral fellows, visitors and students and serve as their scientific supervisor if needed, and participate in the organization of activities and in the selection of applicants to ICTP programmes and activities related to the Unit. Essential responsibilities include:

Scientific Research:

- Assist the supervisor by providing scientific and technical input in the definition of research and training projects. Implement research projects related to own field of expertise.
- Provide mentoring to post-doctoral fellows and to Associates, visitors or fellows that collaborate on these research projects and serve as their scientific supervisor as needed.
- Report on the results of the research at major international meetings

Scientific Organization and Outreach:

- Contribute to strengthening collaboration with scientists from developing countries and identify their scientific needs in areas related to own area of expertise and formulate appropriate recommendations for incorporation within ICTP programmes, in cooperation with the Unit coordinator.
- Participate in the organization of ICTP seminars, schools, workshops, conferences in own field or in closely related fields.
- Participate in the organization of ICTP external activities, predominantly in developing countries, in own field of research that is of interest to the outreach aims of the Unit and more generally to the mission of the ICTP.

Administrative responsibilities:

- Assist the Head of Unit in the application and management of research grants.
- Review applications for ICTP Associateships and short-term and long-term visits and make selection recommendations to the supervisor.
- Organize scientific and training activities and necessary support to researchers in one of the STI Labs to ensure its smooth operation.

COMPETENCIES

A successful candidate will be required to demonstrate the following competencies:

- Accountability.
- Communication.
- Teamwork.
- Innovation.
- Results focus.
- Planning and organizing.
- Knowledge sharing and continuous improvement.

For detailed information please consult the [UNESCO Competency Framework](https://en.unesco.org/sites/default/files/competency_framework_e.pdf)
https://en.unesco.org/sites/default/files/competency_framework_e.pdf

REQUIRED QUALIFICATIONS

EDUCATION

- Advanced University degree (Master's Degree or equivalent) in Physics, Engineering, or related disciplines

WORK EXPERIENCE

A minimum of 2 years of professional research experience in one of the following fields:

- 1) Advanced Scientific Instrumentation for particle physics experiments and experimental multidisciplinary research;
- 2) Ionospheric Physics, Ionospheric Modelling and Space Weather

SKILLS/COMPETENCIES

- Ability to collaborate effectively within a multicultural environment with sensitivity and respect for diversity
- Good analytical skills, ability to collect, synthesize and analyse information from various sources
- Ability to communicate effectively on complex technical and scientific issues in English

LANGUAGES

- Excellent knowledge of written and oral English.

DESIRABLE QUALIFICATIONS

WORK EXPERIENCE

- Relevant professional research experience
- Experience in the design, implementation of scientific projects.
- Experience in the teaching and/or mentoring of undergraduate or postgraduate students
- Experience in the coordination of scientific training programmes

LANGUAGES

- Knowledge of Italian
- Knowledge of another official UNESCO language (Arabic, Chinese, French, Russian, Spanish)

BENEFITS AND ENTITLEMENTS

UNESCO's salaries consist of a basic salary and other benefits which may include if applicable: 30 days annual leave, family allowance, medical insurance, pension plan etc.

For more information in benefits and entitlements, please consult [ICSC website](#) and [UNESCO's career website](#).

MORE INFORMATION

Please note that all candidates must complete an on-line application and provide complete and accurate information. No modifications can be made to the application submitted.

The evaluation of candidates is based on the criteria in the vacancy notice, and may include tests and/or assessments, as well as a competency-based interview.

Candidates must use the UNESCO's online application system which is accessible through the following links:

For current UNESCO fixed-term staff members: UNESCO Intranet > Tools > HR Apps > [Careers](#). If you are working remotely, you should connect to Careers portal through connect.unesco.org

For all other candidates: <https://careers.unesco.org>

For information: Personnel Office, Abdus Salam International Centre for Theoretical Physics, Strada Costiera, 11, 34151 Trieste, Italy. E-mail: personnel_office@ictp.it, phone: +39-040-2240-595/596/695