



<b>Post Title:</b>	<b>Associate Research Scientist (Applied AI)</b>
<b>Domain:</b>	Scientific Computing Unit( Research and Partnerships)
<b>Post Number:</b>	1ITSC PA125TP
<b>Grade:</b>	P-2
<b>Organizational Unit:</b>	Abdus Salam International Centre for Theoretical Physics
<b>Primary Location:</b>	Trieste, Italy
<b>Recruitment open to:</b>	Internal and external candidates
<b>Type of contract:</b>	Project Appointment
<b>Deadline (midnight Trieste time):</b>	<b>27-MAY-2026</b>

**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. ICTP has been a major force in stemming the scientific brain drain from the developing world. For more than 50 years, ICTP has been a driving force behind global efforts to advance scientific expertise in the developing world.

In the context of the International Consortium for Scientific Computing (ICOMP), an ICTP initiative to support computational sciences globally, and under the supervision of Senior Coordinator (Research and Partnerships), the incumbent will provide technical expertise in applied AI to assist ICTP research scientists in implementing these methods in their research software and conduct research in ICOMP related fields. The incumbent will also contribute to ICTP's training programmes, including the Master in High-Performance Computing (MHPC),  
The incumbent will perform the following functions:

### **Undertake front line research in Applied AI:**

- Contribute to the development and implementation of research projects related to Applied AI, including applying to and managing individual research grants
- Provide guidance and mentoring to students and post-doctoral fellows and guidance to any 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

### **Contribute to ICTP Programmes:**

- Establish collaborations with scientists from developing countries and identify their scientific needs in areas related to Applied AI. Formulate appropriate recommendations for incorporation within ICTP programmes
- Organize and contribute to ICTP seminars, schools, workshops, conferences in Applied AI or in closely related fields, either at the ICTP or in developing countries
- Provide technical expertise to the MHPC Scientific Council, coordinate the MHPC curricula of all courses related to applied AI.

### **Provide advanced technical support on Applied AI:**

- Assist the ICTP scientists and the ICTP scientific community on issues related to Applied AI and efficient deployment of AI workflows
- Collaborate with ICTP scientists in the preparation of research grant proposals, providing the relevant input with respect to large scale data analysis and machine learning methods

## COMPETENCIES

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

- Building Partnership
- Teamwork
- Client orientation
- Communication
- Creativity and Innovation
- Technological Awareness
- Result Based Management and Result Based Budgeting
- Promoting Organizational Change and Development

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](https://en.unesco.org/sites/default/files/competency_framework_e.pdf)

## REQUIRED QUALIFICATIONS

### **EDUCATION**

- Advanced university degree (PhD or equivalent) in Physics, Computer Sciences, Mathematics, or related disciplines

### **WORK EXPERIENCE**

- At least 2 years of relevant professional experience in Applied AI and advanced parallel programming, preferably in an international environment, and familiarity with large-scale computational infrastructures

### **SKILLS/COMPETENCIES**

- Ability to work quickly and efficiently under pressure, with minimum supervision, and to sustain periods with workload peaks.
- Discretion and capacity to deal efficiently and tactfully with visitors and staff members of different nationalities and cultural backgrounds
- Excellent Innovational and Technological Awareness skills
- Documented record of excellence in research, teaching, and organization of advanced training events
- Strong analytical and organizational skills; demonstrated ability to work effectively in a multidisciplinary and multicultural environment
- Excellent communication skills.

### **LANGUAGES**

- Excellent knowledge (spoken and written) of English.

## DESIRABLE QUALIFICATIONS

### **WORK EXPERIENCE**

- Experience in an international environment and/or the United Nations (UN) system.
- Experience in a scientific organization or educational institute.

### **SKILLS/COMPETENCIES**

- Knowledge and understanding of research environment.

### **LANGUAGES**

- Knowledge of Italian or another UN official language (Arabic, Chinese, French, Russian, Spanish).

## ADDITIONAL INFORMATION

Please note that for this position UNESCO will not reimburse expenses such as travel in connection with interviews, tests and relocation.

## 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. To apply, please visit the UNESCO careers website. 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.

UNESCO uses communication technologies such as video or teleconference, e-mail correspondence, etc. for the assessment and evaluation of candidates.

Please note that only selected candidates will be further contacted and candidates in the final selection step will be subject to reference checks based on the information provided.

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](mailto:personnel_office@ictp.it), phone: +39-040-2240-595/596/695

**AN ASSESSMENT EXERCISE MAY BE USED IN THE EVALUATION OF CANDIDATES.**