



<b>Post Title:</b>	<b>IT Assistant (High Performance Computing (HPC)) (two positions)</b>
<b>Domain:</b>	Information and Communication Technology Unit (ICTU)
<b>Post Number:</b>	1ITSCPA 107TP / 1ITSCPA 108TP
<b>Grade:</b>	GS-4
<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>10 June 2022</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.

Under the direct supervision of the System & Network Analyst the incumbent will provide services in the delivery of a range of activities related to the High Performance Computing (HPC)/Cloud Computing project and network management. Essential responsibilities include:

- Perform system administration tasks of ICTP's HPC/in-house Cloud resources, including deployment of new computational clusters and troubleshooting/resolution of requests about HPC or in-house Cloud resources from the HPC user community.
- Participate in network administration and troubleshooting.
- Work in a team to provide support to scientists for the development of new software programs, compiling of software programs for HPC or in-house Cloud platforms, and development of software code / scripts.

### 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%20Framework\\_E.pdf](https://en.unesco.org/sites/default/files/Competency%20Framework_E.pdf))

## REQUIRED QUALIFICATIONS

### **EDUCATION**

- Completed secondary education/apprenticeship.

### **WORK EXPERIENCE**

- Minimum of three (3) years of relevant work experience in system administration and support, preferably within an international organization.

### **SKILLS/COMPETENCIES**

- Experience in participating in the system administration of LINUX based HPC or Cloud Computing clusters.
- Excellent communication skills.
- Flexibility, user support oriented, tact and ability to interact with users coming from different countries and with different backgrounds and excellent team player.

### **LANGUAGES**

- Excellent knowledge (spoken and written) of English.

## DESIRABLE QUALIFICATIONS

### **SKILLS/COMPETENCIES**

- Knowledge of programming languages (Python, Perl, Shell scripts).

### **LANGUAGES**

- Good knowledge (spoken and written) of Italian.

## ADDITIONAL INFORMATION

This vacancy will fill two (2) positions. Only candidates who are entitled to work in the E.U. may apply to these positions. Please note that for these positions UNESCO will not reimburse expenses such as travel in connection with interviews, tests and relocation.

This initial contract duration is 12 months, renewable subject to satisfactory performance and availability of funds.

## 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

## 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](https://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.

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