The Abdus Salam International Centre for Theoretical Physics

Post Title:	**Team Leader (IT Infrastructure)**
Domain:	Information and Communication Technology Unit (ICT), Administration and Operations Section
Post Number:	1ITSC 0833TP
Grade:	P-3
Organizational Unit:	International Centre for Theoretical Physics (ICTP)
Primary Location:	Trieste, Italy
Recruitment open to:	Internal and external candidates
Type of contract:	Fixed-Term
Deadline (*midnight, Paris time*)**:**	**30-NOV-2026 (EXTENDED)**

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 the overall authority of the Director and the direct supervision of the Head of Unit, Information and Communication Technology (ICT), the incumbent leads the IT Infrastructure Team, which is responsible for the hardware and software network and server infrastructure of the Centre. This includes the physical IT infrastructure (cabling, servers, data centres, computing laboratories, wireless access points, laptops and desktop computers), the software required to operate it, in particular email servers, the hardware and software of the phone system and of the security system, and cybersecurity. Essential responsibilities include:

Team Leadership:

- Supervise the infrastructure IT staff in their day-to-day activities, including network monitoring and the management of PCs, laptops, data centres/server rooms, storage, servers, network and communications equipment, and the help-desk service.
- Set the work priorities of the members of the infrastructure team.
- Work closely with the Head of Unit, ICT and the leader of the systems/applications development team on overall priorities and synergies across the Unit; participate in the meetings of the Institute IT Committee and in the monthly meetings of the ICT Section.

Infrastructure Planning and Operations:

- Plan, design, implement and maintain the hardware and software configuration of the Centre's computer system, including UNIX workstations and servers, LAN and LAN devices, PCs, Macs and the Internet connection.
- Implement hardware and software projects to maintain and enhance the ICT infrastructure, including the comprehensive review and improvement of the infrastructure linked to the ongoing renovation of the Centre.
- Coordinate with colleagues in Procurement, Technical Services and Maintenance on the purchase and deployment of IT equipment, and with the University of Trieste Network Manager on shared services.

Security and Scientific Computing Support:

- Ensure a safe and secure computing environment (network, data, etc.), including cybersecurity and compliance with data protection regulations.
- Support the High-Performance Computing (HPC) activities of the scientific sections, the International Consortium for Scientific Computing (ICOMP) and the Master in High Performance Computing programme, and provide technical guidance to the scientific sections, the Library and Multimedia Services on projects involving data management and computing technology.
- Represent the Centre in international IT projects and in its IT-related training activities.

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)

REQUIRED QUALIFICATIONS

EDUCATION

- Advanced university degree (Master's or equivalent) in computer science, information technology, telecommunications, engineering or a related field.

WORK EXPERIENCE

- A minimum of four (4) years of progressively responsible professional experience in IT infrastructure management, including network and server administration.
- Proven track record in supervising and leading a technical team.
- Demonstrated experience in the planning, design, implementation and maintenance of network and server infrastructure, including UNIX/Linux systems.
- Hands-on experience supporting High-Performance Computing (HPC) environments.

SKILLS/COMPETENCIES

- Solid knowledge of cybersecurity principles and practices and of data protection regulations.
- Strong command of data centre, server, storage, LAN/WLAN and email systems.
- Good planning and organizational skills, with the capacity to set priorities for a team and deliver results on time.
- Effective communication with technical and non-technical users, including senior management.
- Sensitivity and respect for diversity, and the capacity to work effectively in a multicultural environment.

LANGUAGES

- Excellent knowledge (spoken and written) of English.

DESIRABLE QUALIFICATIONS

WORK EXPERIENCE

- Familiarity with the hardware and software of telephony and building security systems.
- Involvement in large-scale IT infrastructure upgrade or renewal projects, including the coordination of equipment procurement.
- Professional background gained in an academic or research institution, or in an international organization.
- Experience in IT projects or IT-related training activities, preferably in an international context.
- Experience in the use of AI tools for IT infrastructure management.

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*

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