



# The Abdus Salam International Centre for Theoretical Physics



Post title	<b>Head, Information and Communication Technology Section (ICT)</b>
Organisational unit	<b>The Abdus Salam International Centre for Theoretical Physics</b>
Duty station	Trieste, Italy
Grade	P-4
Post number	EU/TP/ITA/SC/0816
Closing date	<b>31 August 2009</b>

**Revised version - Deadline extended until 31/08/2009**  
**Candidates that have already applied do not need to re-send their application.**

ICTP is a world-class institution focused on research in basic sciences with responsibility for the promotion, dissemination and support of science, especially in developing countries. Founded in 1964 by Abdus Salam (Nobel Laureate), the Centre operates under a tripartite agreement among the Italian Government and two United Nations Agencies, UNESCO and IAEA. While the name of the Centre reflects its beginnings, its activities today encompass most areas of physical sciences including applications.

ICTP each year organizes or hosts some 90 scientific activities, to which around 6.000 scientists attend. In addition to the training activities, the Centre does high-level scientific research by its own permanent scientists and long-term visitors, including advanced computational research in areas such as Earth sciences, condensed matter and high energy physics. The Centre has an average manning of 450 persons, some 550 PCs, 200 Macs, 20 servers, 100 computers in cluster, grid networking and access to supercomputing centres. The various lectures held at ICTP are multimedia-recorded.

**Purpose of post** Ensure that ICTP at any time can offer its staff and visitors adequate ICT tools.

**Main responsibilities** Under the general supervision of the Director, the incumbent shall:

- manage the newly formed ICT section of 15 staff and external collaborators and ensure that the ICT unit:
- provide scientific staff and its international community with adequate tools for scientific research, communication and collaboration, including document and library management;
- provide ICTP staff and management with best IT practices to enable them to improve business practices and pursue new methods of communication, collaboration and decision-making;
- develop and maintain a sound and integrated IT architecture;
- when required participate in cooperative technological R&D programs;
- provide technical guidance and support to the permanent research sectors, to the library and to the training activities on projects which involve data management and computing technology, including High Performance Computing;

The incumbent shall, furthermore:

- direct the programme planning process for ICT, preparing the medium-term plan and develop performance indicators.
- guide the definition of organization-wide standards in hardware, software and ICT services and supervise the selection, acquisition, development and deployment of ICT resources.
- represent ICTP in ICT-related matters towards other scientific institutions and with the Italian and international academic computer networks organizations.

**Profile**

- Advanced university degree in Computer or Information Systems or other related, preferably scientific, fields. A combination of academic qualification and extensive relevant experience may be accepted in lieu of the Advanced University degree.
- At least 7-10 years of professional experience, of which preferably 3-5 years acquired at the international level, at progressively higher responsibility in the systems field and a proven track record of managing and implementing highly complex systems including hands-on experience of systems design and development.
- Ability to effectively develop service work program and ensure timely delivery of results.
- Experience in managing medium-large network computing environments with emphasis on distributed systems, providing services to a scientific institution.
- Proven record of building and managing teams and creating an enabling work environment, as well as fruitful interaction with scientists and comparable high-level professionals about ICT problems.
- From experience have a good and updated oversight of best-practices and solutions with ICT including ERP solutions.
- Experience in management of outsourcing contracts.
- Discretion and sound judgement in applying expertise to highly complex and/or sensitive issues.
- Excellent knowledge of written and spoken English. Knowledge of Italian an asset.

**Conditions of employment** This is an extra-budgetary position of a continuing nature but the duration of the appointment will be subject to the availability of funds. UNESCO's salaries are calculated in US Dollars. They consist of a basic salary and a post adjustment which reflects the cost of living changes in a particular duty station and exchange rates. For this post, the annual remuneration will start at US\$ 108,201 if there are no dependants and at US\$ 116,194 if there are dependants, exempt from income tax. There is an attractive benefits package which includes 30 days of annual vacation, home travel, education grant for dependent children, pension plan and medical insurance.

**How to apply** Candidates should use ICTP's online application system which is accessible via ICTP's intranet site at <http://portal.ictp.it/vacancy>. They should include a curriculum vita and list of publications and arrange to have three letters of recommendation sent directly by their referees to the Personnel Office. Candidates without access to the Internet may send a paper application by completing the official UNESCO CV form available at the 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, fax: +39-040-2240-593.