

Post title **Research Scientist**
Organisational unit **The Abdus Salam International Centre for Theoretical Physics**
Duty station Trieste, Italy
Grade P-3
Post number EU/TP/ITA/SC/0848
Closing date **31 March 2006**

Purpose of post To undertake world-class research and to assist the Head of the Section of Condensed Matter in the planning and implementation of its scientific programmes.

Main responsibilities The incumbent will be required to perform the following duties:

(a) Research: To undertake front-line research in any area of Condensed Matter theory, interpreted broadly, with some preference for computational simulation of ab-initio electronic structure, theoretical nanoscience and physics of surfaces and interfaces.

(b) Programme coordination and training: Under the overall supervision of the Head of the Section, to coordinate the activities of the group in the above areas. These duties involve the organization of weekly seminars and journal clubs, and the organization and supervision of schools, workshops, conferences and topical meetings, and include the selection of participants.

(c) Administrative responsibilities: (i) Assisting the Head of the Section in the review of applications for postdoctoral work and Associateships, Diploma Courses, and short-term and long-term visits; (ii) be responsible for the visiting and training programme in areas of interest of the Condensed Matter Physics Group.

(d) Teaching and mentoring: (i) Teaching as required in Diploma Course Programs in Condensed Matter Physics; (ii) collaborating, as appropriate, with the Associates as well as other visitors from developing countries.

- Profile**
- Ph.D. or equivalent doctoral level in physics;
 - Exceptional research work in any of the areas mentioned above, and at least five years of research experience at the international level.
 - Excellent knowledge of written and spoken English.
 - A positive attitude towards the international and multicultural characteristics of the assignment.

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, for the current exchange rate, at US\$ 70,430 if there are no dependants and with US\$ 75,453 if there are dependants, and is 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. The Director retains full discretion to appoint the candidate at a lower level of the post.

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 vitae and list of publications and arrange to have three letters of recommendation sent directly by their referees to the Personnel Office, Abdus Salam International Centre for Theoretical Physics, Strada Costiera, 11, 34014 Trieste, Italy. E-mail: personnel_office@ictp.it, phone: +39-040-2240-595/596, fax: +39-040-2240-593.