



United Nations Educational,  
Scientific and Cultural Organization

*UNESCO contributes to peace and human development in an era of globalization by furthering international cooperation through its programmes in education, sciences, culture and communication. With its 191 Member States and 6 Associate Members, UNESCO has its Headquarters in Paris (France) and operates globally through a network of offices and several institutes.*

Post title **Senior Research Scientist**  
Organisational unit **The Abdus Salam International Centre for Theoretical Physics**  
Duty station Trieste, Italy  
Grade P-4  
Post number EU/TP/ITA/SC/0809  
Closing date **31 March 2006**

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

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

(a) Research: To undertake frontier research in any area of Condensed Matter Theory such as: soft matter, granular systems, biologically inspired physics, colloids and gels, complex networks, strongly correlated electron systems including disordered and mesoscopic systems, trapped cold atoms and Bose-Einstein condensation, nano-systems, nonlinear dynamics and quantum communications.

(b) Programme coordination and training: Under the overall supervision of the Head of the Section, to coordinate and be responsible for activities in the above areas, as well as general training programmes for younger scientists. These duties involve 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) assuming financial responsibilities that may be delegated by the Head of the Section; (iii) organizing lectures and research visits within the Section.

(d) Teaching and mentoring: (i) Teaching as required in Diploma Course Programs in Condensed Matter Physics; (ii) mentoring Ph.D. students in the Sandwich Programme in coordination with joint supervisors from developing countries; (iii) 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 ten 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\$ 84,736 if there are no dependants and with US\$ 90,994 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](mailto:personnel_office@ictp.it), phone: +39-040-2240-595/596, fax: +39-040-2240-593.