THEORETICAL CONDENSED MATTER AND STATISTICAL PHYSICS  
(CM&SP) POST-DOCTORAL POSITIONS

AT

THE ABDUS SALAM
INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS (ICTP)

(ACADEMIC YEAR 2012-2013)

The current research areas of the ICTP CMSP Section include disordered quantum many-body systems, quantum Monte Carlo simulations of ultra-cold gases: BEC-BCS crossover in strongly interacting Fermi gases, low-dimensional and/or disordered Bose gases; physics of nano-devices; statistical physics of complex systems and interdisciplinary applications; random matrix theory and its applications; density functional theory based investigations of structural, electronic and optical properties of materials, in particular in the field of renewable energy storage and conversion; development of efficient algorithms for the computation of electronic excitations in nanoscale systems.

A limited number of post-doctoral positions for young CM&SP theoreticians will be available starting Fall 2012.

Appointments will be made for two years, with the possibility of renewal for one more year.

Applicants should be no more than 35 years of age at the time of application and should have obtained their Ph.D. after 2007. The application form can be accessed at the website:  

https://onlineapps.ictp.it/ENTER/APPLICANT/CP11.mhtml

Detailed curriculum vitae, list of publications and at least three recommendation letters (sent separately after submission of application). All must be appended on-line.

Deadline for receipt of applications: 15th January 2012.