



Post Title: **Research Scientist (Mathematics)**
Domain: Mathematics
Post Number: 1ITSC0812TP
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
Annual salary: 90,000 USD
Deadline (midnight, Paris time): **December 31, 2014**
Apply: <https://careers.unesco.org/careersection/2/joblist.ftl>
More information at: personnel_office@ictp.it

OVERVIEW OF THE FUNCTIONS OF THE POST

The incumbent will initiate, develop and coordinate competitive research and training programmes in a branch of pure or applied Mathematics, preferably one that complements fields currently covered at ICTP. Essential responsibilities include:

- To undertake front-line research in a branch of pure or applied Mathematics, preferably one that complements fields currently covered at ICTP, including partial differential equations, numerical analysis and probability. To suggest, develop and help realize projects related to his/her field, with particular emphasis on visitors from developing countries. To establish wide cooperation with scientists from developing countries, to identify the scientific needs of developing countries in his/her field of expertise and to formulate the appropriate recommendations for incorporation within ICTP's programmes. To act as a liaison between the Mathematics group and other groups around the world, where front-line research is conducted in his/her areas of expertise. To report on results of the research at major international meetings.
- To lecture in the Mathematics Diploma and other programmes, to supervise Diploma theses and to participate in joint PhD programmes with Italian institutions.
- To assist the Supervisor in reviewing applications and make selection of post-doctoral fellows, visitors and associates. To assist visitors during their stay in the Centre.
- To assist the Supervisor in the organization of ICTP scientific meetings as well as training programmes (schools, lecture courses) in the field of his/her competence.

REQUIRED QUALIFICATIONS

EDUCATION

- Advanced University degree (Ph.D. or equivalent) in Mathematics or related disciplines.

WORK EXPERIENCE

- At least 4 years of relevant scientific research experience at national and international levels.
- Demonstrated professional experience in the field of pure or applied Mathematics, including partial differential equations, numerical analysis and probability.
- Experience in the design, implementation and management of scientific projects.

SKILLS/COMPETENCIES

- Excellent analytical skills. Ability to collect, synthesise and analyse information from various sources.
- Proven ability to work in a team and to maintain effective working relationships in a multidisciplinary and multicultural environment.
- Ability to communicate effectively on complex technical and scientific issues in English.
- Excellent written and oral communication skills in English.

LANGUAGES

- Excellent/very good knowledge of English (written and oral).

DESIRABLE QUALIFICATIONS

WORK EXPERIENCE

- Demonstrated experience in the teaching and/or mentoring of undergraduate or postgraduate students.
- Experience in the development and coordination of scientific training programmes (schools, lectures courses).

BENEFITS AND ENTITLEMENTS

UNESCO's salaries are calculated in US dollars. They consist of a basic salary and a post adjustment which reflects the cost of living in a particular duty station and exchange rates.

Other benefits include: 30 days annual leave, family allowance, home travel, education grant for dependent children, pension plan and medical insurance. More details on [the ICSC Web site](#).

Please note that UNESCO is a non-smoking Organization.

A WRITTEN EXAMINATION MAY BE USED IN THE EVALUATION OF CANDIDATES.

UNESCO is committed to promote geographical distribution and gender equality within its Secretariat. Therefore, women candidates are strongly encouraged to apply, as well as nationals from non- and under-represented Member States. Persons with disabilities are equally encouraged to apply. Worldwide mobility is required as staff members have to serve in other duty stations according to UNESCO's geographical mobility policy.

Unesco does not charge a fee at any stage of the recruitment process.