



Post Title: Associate Officer for Astronomy and Development
Domain: Natural sciences
Post Number: 1ITSC0864TP
Grade: P-1/P-2
Organizational Unit: Office of External Activities, International Centre for Theoretical Physics (ICTP)
Primary Location: Trieste, Italy
Recruitment open to: Internal and external candidates
Type of contract: Fixed-Term
Annual salary: US\$ 75000
Deadline (midnight, Paris time): **24 June 2013**

OVERVIEW OF THE FUNCTIONS OF THE POST

Under the direct guidance of the immediate supervisor, the incumbent will help to manage all aspects of the Agreement between ICTP and the International Astronomy Union and its Office of Astronomy for Development (IAU-OAD). He/She will assist in the fund raising activity at the ICTP in this research area. Essential responsibilities include:

- To help to manage all aspects of the Agreement between the ICTP and the IAU-OAD (providing information about the Associates, Visitors, Meetings and Schools programs that are now available to astronomers in developing countries, coordinating the evaluation of proposals and the selection process of Associates, Visitors, Meetings and Schools, and serving as the principal point of contact for these programs).
- To assist the immediate supervisor to coordinate with the IAU-OAD Task Force for Universities and Research on the creation and implementation of innovative and sustainable programs which use Astronomy for Development (such as the Sabbatical Leave program, the Equipment and Laboratory small grant program, grants for the development and implementation of innovative Undergraduate Astronomy courses and laboratories in developing countries, Technology Internships for training in the use of instrumentation and software, and the establishment of Twinning or cooperative Networks between University-level institutions in developing and developed countries).
- To help in the development of a system for evaluating the outcomes of the ICTP-IAU collaboration.
- Whenever required, to help to develop and teach courses on astrophysical algorithms and databases as part of the ICTP/SISSA High Performance Computing program and to perform research in astrophysics.
- Occasional supervision of ICTP Diploma student theses.

REQUIRED QUALIFICATIONS

EDUCATION

- Advanced University degree (Ph.D. or equivalent) in Astrophysics.

WORK EXPERIENCE

- 2 to 4 years of relevant research and teaching experience in astrophysics or closely related fields.
- Experience in the implementation and management of scientific projects.
- Experience in the applications of High Performance Computing to astrophysics.

SKILLS/COMPETENCIES

- Excellent analytical skills. Ability to collect, synthesise and analyse information from various sources.
- Ability to work effectively in a multidisciplinary and multicultural environment.
- Capacity to build and maintain partnerships inside and outside the Institute.
- Ability to communicate effectively on complex technical and scientific issues in English.
- Excellent written and oral communication skills in English.
- Good knowledge of databases for astrophysics

LANGUAGES

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

DESIRABLE QUALIFICATIONS

WORK EXPERIENCE

- Work experience at international level.
- Experience of fundraising and mobilisation of resources activities

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.