**Post Title:** Senior Research Scientist  
**Domain:** Mathematics Section  
**Post Number:** 1ITSC 0876TP  
**Grade:** P-4  
**Organizational Unit:** International Centre for Theoretical Physics (ICTP)  
**Primary Location:** Trieste, Italy  
**Recruitment open to:** Internal and external candidates  
**Type of contract:** Fixed-Term  
**Deadline (midnight, Paris time):** 30 July 2021

**UNESCO Core Values:** Commitment to the Organization, Integrity, Respect for Diversity, Professionalism

**OVERVIEW OF THE FUNCTIONS OF THE POST**

Founded in 1964 by the late Nobel Laureate Abdus Salam and located in Trieste (Italy), the Abdus Salam International Centre for Theoretical Physics (ICTP) seeks to accomplish its mandate by providing scientists from developing countries with the continuing education and skills that they need to enjoy long and productive careers.

Under the supervision of the Head of Section/Senior Research Scientist, Mathematics Section, the incumbent will lead the sub-group of Research Scientists and performs and coordinates front-line research in Algebraic Geometry, and may provide leadership to one of the ICTP Programmes as necessary. In particular, the incumbent will be required to:

- Identify, develop and implement innovative research projects, ensuring that the research team stays on top of the latest scientific developments.
- Collaborate with leading research institutions worldwide to exchange scientific information and promote joint research and scientific collaboration programmes, while providing guidance and mentoring to junior members of the Mathematics Section working in Algebraic Geometry, as well as to post-doctoral fellows, associates and visitors.
- Participate in the selection of the Diploma, M.Sc. and Ph.D. students, teach in the Diploma programme and supervise Diploma and possibly PhD students’ thesis.
- Establish wide cooperation with scientists from developing countries, also organising ICTP meetings and external activities in own field of research at ICTP and in developing countries.
- Provide authoritative advice to the Division Director on programme planning and implementation, also ensuring that all high level needs, such as agreements, funding, selection procedures and coordination of the scientific work with the scientific faculty, needed for the proper running and success of these programmes are in place and functioning.

**COMPETENCIES**

A successful candidate will be required to demonstrate the following competencies:

- Communication
- Accountability
- Innovation
- Knowledge sharing and continuous improvement
- Planning and organizing
- Results focus
- Teamwork
- Professionalism
- Building partnerships
- Driving and managing change
- Leading and empowering others
- Making quality decisions
- Managing performance
- Strategic thinking

For detailed information please consult the UNESCO Competency Framework  
(https://en.unesco.org/sites/default/files/Competency%20Framework_E.pdf)
REQUIRED QUALIFICATIONS

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

WORK EXPERIENCE
- At least 7 years of relevant professional experience in Algebraic Geometry, of which preferably at least 3 years at international level.
- Internationally recognized research achievements in Algebraic Geometry.
- Experience in the teaching and/or mentoring of undergraduate, graduate and postgraduate students.

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.

LANGUAGES
- Excellent knowledge (spoken and written) of English.

DESIRABLE QUALIFICATIONS

WORK EXPERIENCE
- Experience in the development and coordination of scientific training programmes.
- Experience in the design, implementation and management of scientific projects.

LANGUAGES
- Knowledge of another official UNESCO language (Arabic, Chinese, French, Russian, Spanish).
- Knowledge of Italian.

BENEFITS AND ENTITLEMENTS

UNESCO’s salaries consist of a basic salary and other benefits which may include if applicable: 30 days annual leave, family allowance, medical insurance, pension plan etc.

For more information in benefits and entitlements, please consult ICSC website and UNESCO’s career website.

MORE INFORMATION

Please note that all candidates must complete an on-line application and provide complete and accurate information. To apply, please visit the UNESCO careers website. No modifications can be made to the application submitted. The evaluation of candidates is based on the criteria in the vacancy notice, and may include tests and/or assessments, as well as a competency-based interview.

Candidates must use the UNESCO’s online application system which is accessible through the following links:

For current UNESCO fixed-term staff members: UNESCO Intranet > Tools > HR Apps > Careers. If you are working remotely, you should connect to Careers portal through connect.unesco.org

For all other candidates: https://careers.unesco.org

In addition to the online application, candidates are requested to submit their research statement to the ICTP Personnel Office (email: personnel_office@ictp.it) clearly indicating in the subject line "Senior Research Officer post no. 1ITSC 0876TP"

For information: Personnel Office, Abdus Salam International Centre for Theoretical Physics, Strada Costiera, 11, 34151 Trieste, Italy.
E-mail: personnel_office@ictp.it, phone: +39-040-2240-595/596/695