Rome is in a unique position as far as basic scientific interdisciplinary research between Mathematics and Theoretical Physics goes, not only because of the high quality of research but also for the very ample spectrum of subjects studied. This puts Rome in a particularly favorable position, especially compared with other foreign centers where very high quality research is done, but usually focused on a specific area of study. The Center for Mathematics and Theoretical Physics (CMTP) has been recently founded, following the example of the major foreign centers, both in Europe and elsewhere. Its Scientific Board is governed by the three Roman universities. From an administrative point of view, the CMTP is an Interdisciplinary Center of the University of Rome Tor Vergata.
The scientific interaction between Mathematics and Physics in Rome flourishes in such fields as Statistical Mechanics, Low Temperature Physics, Quantum Field Theory, Infinite Dimensional Algebra, Geometry and Analysis, Complex Systems, Theory of Chaos, …

The high level of the Roman scientific community is testified by the numerous international recognitions:

- 5 Grants of the European Research Council in the last two years (for a total of about 7 million euro, more than half of the entire annual budget for mathematics provided by the Italian government) to A. Giuliani, C. Liverani, R. Longo, F. Martinelli, G. Parisi
- Feltrinelli Prizes to G. Jona-Lasinio and C. Procesi
- Boltzmann Medals to G. Gallavotti and G. Parisi
- Planck Medal to G. Parisi
- Dirac Medal to G. Parisi
- National Prices by the President of the Italian Republic to G. Gallavotti and S. Doplicher
- Vice President of the International Mathematical Union (C. Procesi)

The Scientific Board of the CMTP includes several invited speakers at the International Mathematics Congress, and members of the Italian National Academy (Accademia dei Lincei), …

The main objective of the Center is to promote scientific research. The CMTP represents a natural place for advanced scientific education and constitutes a cultural basis for exchanges with other foreign centers. To this end, organizes congresses, workshops, research projects on specific subjects, offers permanent and temporary positions both to foreign scientists of great international prestige and to emerging young researchers. The Center, a member of the International Association of Mathematical Physics, has the scientific and administrative potential to enlarge its activities and to become a leader at the international level.

The CMTP promotes fundamental scientific research and aims to awaken the interest of the new generations in Science, by organizing conferences for the general public and activities addressed to high school students, to young people, and to everybody interested in scientific culture.

The creation of the Research Center for Mathematics and Theoretical Physics (CMTP) in Rome is not only natural, but a key step to provide Italy and the city of Rome with an instrument of great impact and international visibility. The strategic role of the CMTP is pointed out in the Report of the Commission for the Future of Roma Capitale, where it is mentioned that the Centre could be a possible driving force for a renewed cultural rise of the city of Rome.

The CMTP has already organized, and it continues to propose, numerous scientific activities in Theoretical Physics and Mathematics, with an ample spectrum of interdisciplinary problems.

Inaugural Workshop "Seminal Interactions between Mathematics and Physics", Rome, Accademia dei Lincei, September 22-25, 2010, under the High Patronage of the President of the Italian Republic. The conference attracted some of the most prominent figures in contemporary Mathematics and Physics, including the Field medalists Alain Connes, Andrei Okounkov, Stanislav Smirnov and Cedric Villani, and the Abel prize winner Isadore Singer Workshop on "Conformal Field Theory", Frascati, National Laboratories of Nuclear Physics, January 10-11, 2011. Colloquia Levi-Civita and various Seminars in the three Roman universities

Postdoctoral fellowships for young researchers

Lectures for the general audience "Dialoghi di Scienza e Matematica"