ICTP’s mandate (from the tripartite agreement)

The principal purpose of the Center is to foster, through training and research, the advancement of science, particularly physics and mathematics, with special regard to needs of developing countries; and to encourage scientists from those countries to continue and expand their work, and launch scientific careers mostly in their own countries.
ICTP is an institution run by a few scientists for the benefit of many

Research and training coordination
mostly research
do own or collaborative research, or receive training through participation
receive training through schools, conferences, and exchange of information

permanent scientists
28
110
420
4000-6000 per year
6191 in 2003

temporary scientific staff: post-docs, staff associates, long-term visitors
short-term visitors: associates, guest-scientists
participation in conferences, schools and workshops; diploma students

Research at ICTP
- High Energy, Cosmology and Astroparticle Physics
- Condensed Matter and Statistical Physics
- Pure and Applied Mathematics
- Applied Physics (Medical Physics, Optics and Lasers, Fluid Dynamics, Plasma Physics, Soft Matter and Biophysics, Nuclear Physics, Information Science and Technology, ...)
- Earth Sciences (Weather, Climate Changes, Oceanography, Earthquake Prediction, Soil and Coastal Erosion, Desertification, ...)
- Ecological and Environmental Economics

IT IS IMPORTANT TO HAVE A STRONG CORE OF SCIENTIFIC EXCELLENCE; WHAT WE DON'T HAVE, WE CANNOT IMPART TO OTHERS.
Educational programs

- Diploma/Master’s programs (about 40 students each year)
- Sandwich Ph.D. programs (now about 20) with IAEA
- ICTP-ELETTRA users program with IAEA (now about 40 participants)

Training and Research in Italian Laboratories

981 Fellows from 73 Developing Countries have worked in 339 Italian laboratories
Major scientific Institutions in Trieste

- ICTP
- TWAS
- SISSA
- Immaginario Scientifico
- Marina, Parco
- ICGEB
- ICS
- INFN INFM
- ELETTRA