

The Abdus Salam International Centre for Theoretical Physics
 ICTP and IAEA
 Partners in Science for Development

scientific thought is our common heritage
Abdus Salam


Research • Nuclear Data • Reactor Safety • Plasma Physics • Isotopes in Climate Modelling • Nuclear
 Nuclear Physics • Water Management • Knowledge Management • Reactor Physics • Accelerator Physics • Environmental Source • Sustainable Energy • Nuclear Physics • Material Analysis • Reactor Management • Nuclear Data

APPLIED PHYSICS
 CONDENSED MATTER
 EARTH PHYSICS
 HIGH ENERGY
 MATHEMATICS

advancing science
 supporting
 developing countries

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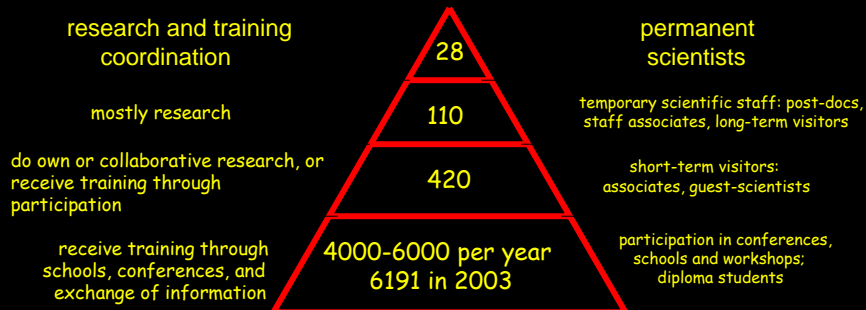


ICTP's mandate (from the tripartite agreement)

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 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



