

Faculty of Physics

The main goals of the Faculty are to carry out teaching, research, and outreach activities, as well as to provide external technical assistance to related areas. The Faculty of Physics offers an undergraduate program leading to a Licentiate degree, and provides physics training for Faculty and Engineering students. In addition, it provides courses for students of other academic units. It includes the Department of Physics and the Department of Astrophysics.

ACADEMIC STAFF:

The academic staff includes a total of 36 full-time and part-time professors, all of whom have formal graduate training.

RESEARCH INTERESTS ARE FOCUSED IN THE FOLLOWING AREAS:

- Experimental and Theoretical Solid State Physics
- Quantum Field Theory and Elementary Particles
- Quantum Optics
- Experimental Plasma Physics
- Surface Science
- Astronomy and Astrophysics
- Fluids and Mathematical Physics

Research results are regularly published in specialized journals, such as *The Physical Review*,

Physical Review Letters, *Journal of Physics*, *Optica Acta*, *Journal of Mathematical Physics*, *Astronomy and Astrophysics*, *Physics Letters*.

Graduate training is offered at the master and doctoral levels, and some student grants are available for these programs.

The School of Physics receives support from national and international organizations, such as CONICYT, FONDECYT, FONDAP, OAS, NSF, CNRS, ECOS, HELEN network, and DAAD.

