



UNIVERSITA' DEGLI STUDI DI PAVIA

DOTTORATO DI RICERCA IN FISICA

The program of graduate education in Physics at The University of Pavia is designed to prepare students for professional leadership careers in science and technology. The program welcomes applications both from individuals who majored in physics and from those who have a strong interest in physics but may have majored in related disciplines.

Research Fields

The activities of the Graduate Program reflect a spectrum of interests ranging from pure to applied Physics and include four main programs:

NUCLEAR AND SUBNUCLEAR PHYSICS

THEORETICAL AND MATHEMATICAL PHYSICS

CONDENSED MATTER, OPTICAL PHYSICS, PLASMA PHYSICS, QUANTUM INFORMATION

INTERDISCIPLINARY AND APPLIED PHYSICS

Student research is supervised by faculty in the Department of Physics, by affiliated faculty, and by members of the local section of the Italian Institute of Nuclear Physics (INFN). Refer to related department and research centers in our links page : <http://dottorato-fisica.pv.infn.it/> for information on faculty members pursuing research in the areas listed

Admission and Financial Assistance

The Program provides at least nine research scholarships (gross amount € 13.638,47 per year) to the students admitted to the PhD Program. The selection process for scholarships is competitive, and to qualify applicants must submit: (i) A transcript providing an official copy of their academic record; (ii) A letter of recommendation written by faculty who have had direct contact with the applicant; (iii) An admission essay in which the applicant discusses the research topic of his or her interest. These documents must, in the judgement of the admission committee, meet the standards of a solid application story. Upon successful completion of this step, the preparation of the applicants are evaluated in an oral examination by the admission committee. The purpose of the exam is to demonstrate a comprehensive knowledge of basic Physics and to assess the student's analytic ability, creativity, and potential for successful completion of the Ph.D. program in Physics. The examinations are administered on October the 23rd 2012, with a registration **deadline on July the 18th, 2012**. A skype interview can be arranged for foreign students, (non-resident), wishing to apply to the selection process. The interview is conducted by the admission committee on October the 23rd 2012 at 2 pm. To register for the examinations, go to the website <http://www.unipv.eu/site/en/home/academics/research-doctorates---phd.html>. If no financial assistance is required, the selection of non-Italian, (non-resident), students admitted to the Graduate Program in Physics is still based on the student's academic record, research experience, letters of recommendation, and a (skype) interview.

Accommodation and Graduate Housing

The Accommodation Office of the University of Pavia holds a large database of privately owned accommodation in and around Pavia City Centre. These lists are available to graduate students and our staff will offer everything you'll need to evaluate graduate residences and apply for the housing that most feels like home to you.