

PhD positions in optics and photonics

The ICFO-Institut de Ciències Fotòniques is a center devoted to the research and education of the optical and photonic sciences, at the highest international level. As part of its mission, the ICFO offers predoctoral fellowships to qualified graduate students who wish to obtain a doctoral degree in a photonics-related field. Awardees will be enrolled in a doctoral program leading to a PhD-equivalent degree, and will conduct research at the ICFO. In 2003, fellowships are offered to conduct research in the areas:

- optical trapping and tweezers,
- ultrafast laser sources,
- nonlinear optics,
- optical properties of biological self-assemblies,
- nanophotonics,
- atom optics,
- quantum optics,
- quantum information.

The ICFO PhD Fellowship Program welcomes applications from individuals with backgrounds in any scientific disciplines related to optics and photonics. Persons with disabilities are strongly encouraged to apply.

Eligibility:

No restrictions of citizenship apply to the ICFO fellowships. Candidates must hold an internationally-recognized Bachelor or Master-equivalent degree in a field of science and engineering related to optics and photonics. Suitable backgrounds include optics, physics, mathematics, electronics and telecommunications engineering. Candidates should have completed their degree by July, 2003.

Conditions of fellowships:

The fellowships are offered for periods of one year, renewable for a total of four years. Awardees should be ready to start their activities at the ICFO during October, 2003.

Application procedure:

Suitable candidates are requested to submit:

- A presentation letter with declaration of interests,
- A complete Curriculum Vitae, including a full address, a contact phone number and e-mail address, a copy of the passport, and one ID picture,
- The list of the academic records certified by the officials of the University where the degree was obtained,
- A certified copy of the degree, if available at the time of application,
- The contact e-mail of three potential referees.

Applications should be submitted by mail or e-mail (preferred) to the:

PhD Screening Committee, Institut de Ciències Fotòniques, Jordi Girona 29, Nexus II, 08034 Barcelona, Spain, icfo.jobs@upc.es

E-mail submissions must be coded in DOC, PS, or PDF formats. Candidates should be willing to be contacted by phone during the selection process.

Selection of ICFO predoctoral fellows is based on merit and potential, measured in terms of the academic record and personal achievements. Proactivity, participation in community activities, and capacity for team-work are also taken into account.