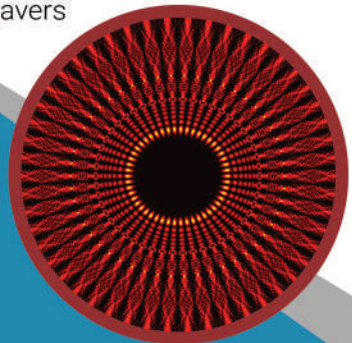


Graduate Studies

The Department of Physics offers the following course- and research-oriented postgraduate degree programmes:

- MSc in Condensed Matter Physics, Photonics, Optics, Nanophysics and Astrophysics
- PhD in Condensed Matter Physics, Optics and Astrophysics
- Seamless MSc-PhD in Condensed Matter Physics, Optics, Astrophysics and Cosmology
- Continuous-Track PhD in Physics for school leavers



Department Facts



Since **1993**



34 Faculty

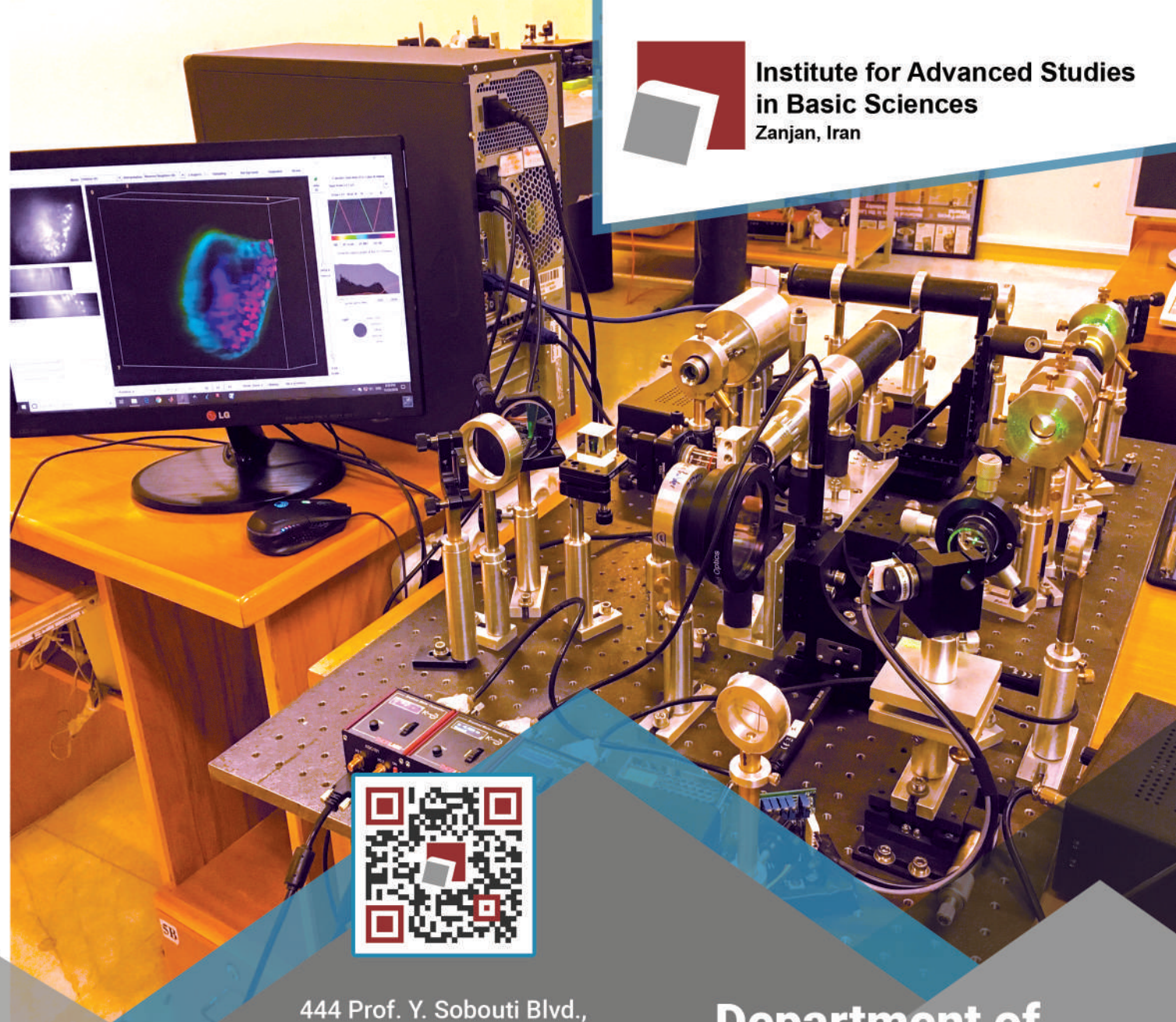


932 Alumni



319 Students

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Institute for Advanced Studies
in Basic Sciences
Zanjan, Iran

444 Prof. Y. Sobouti Blvd.,
Gava Zang, Zanjan, Iran.
Po.Box: 45137-66731
international@iasbs.ac.ir
(+98) 24 3315 1000

Department of
Physics

www.iasbs.ac.ir



Departmental Overview

In line with the Institute's main goal of contributing to progress in the basic sciences, the Physics Department started work as the first IASBS Department in the spring of 1993 by admitting students in the MSc Programme in Physics. In 1996, the Institute launched its first PhD Programme. Our main aim is to train experts in Physics whome will be able to carry out research at the international level.

Areas of Study

- Astrophysics and Cosmology
- Quantum Matter Group
- Soft Matter & Biological Physics
- Optics and Photonics
- Complex Systems

Head of the Department:
Dr. Nahid Azimi
phys.info@iasbs.ac.ir

Research Facilities

In addition to educational laboratories dedicated to Basic Physics, Modern Physics, Electromagnetism, Electronics, Thermodynamics, and Optics, the department boasts several specialized Research Laboratories, including:

- Light Detection and Ranging Lab
- Optical Interferometry Lab
- Structured Light Lab
- Optical Diffractometry Lab
- 3D Fluorescence Microscopy Lab
- Optical Deflectometry Lab
- 3D Imaging Lab
- Plasmonic Lab
- Optical Tweezers Lab
- Electronic Materials Lab

Furthermore, the department offers several multipurpose research facilities that cater to both internal and external users:

- Computational Cluster
- Rheology Lab
- Atomic Force Microscope (AFM)
- Biology Lab
- Optical Coating Device
- 3D Micro-Profilers Device
- Optical Lithography Lab
- Mechanical Workshop
- UV-VIS-NIR Spectro. Device
- Electronics Workshop

There are also the usual range of general facilities to support student activities, such as personal office space, and meeting rooms.

