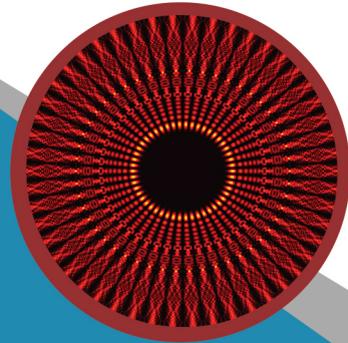


# Graduate Studies

The department of Physics offers the following curriculum and research-oriented programs:

- **Master's Degree:** Condensed Matter, Complex Systems, Optics, Photonics, Nanophysics, Astrophysics, Cosmology, Quantum Science and Technology

- **Doctorate Programs:** PhD, Continuous PhD from Diploma, and Continuous PhD from Bachelor's in Condensed Matter Physics, Optics and Laser, and Astrophysics.



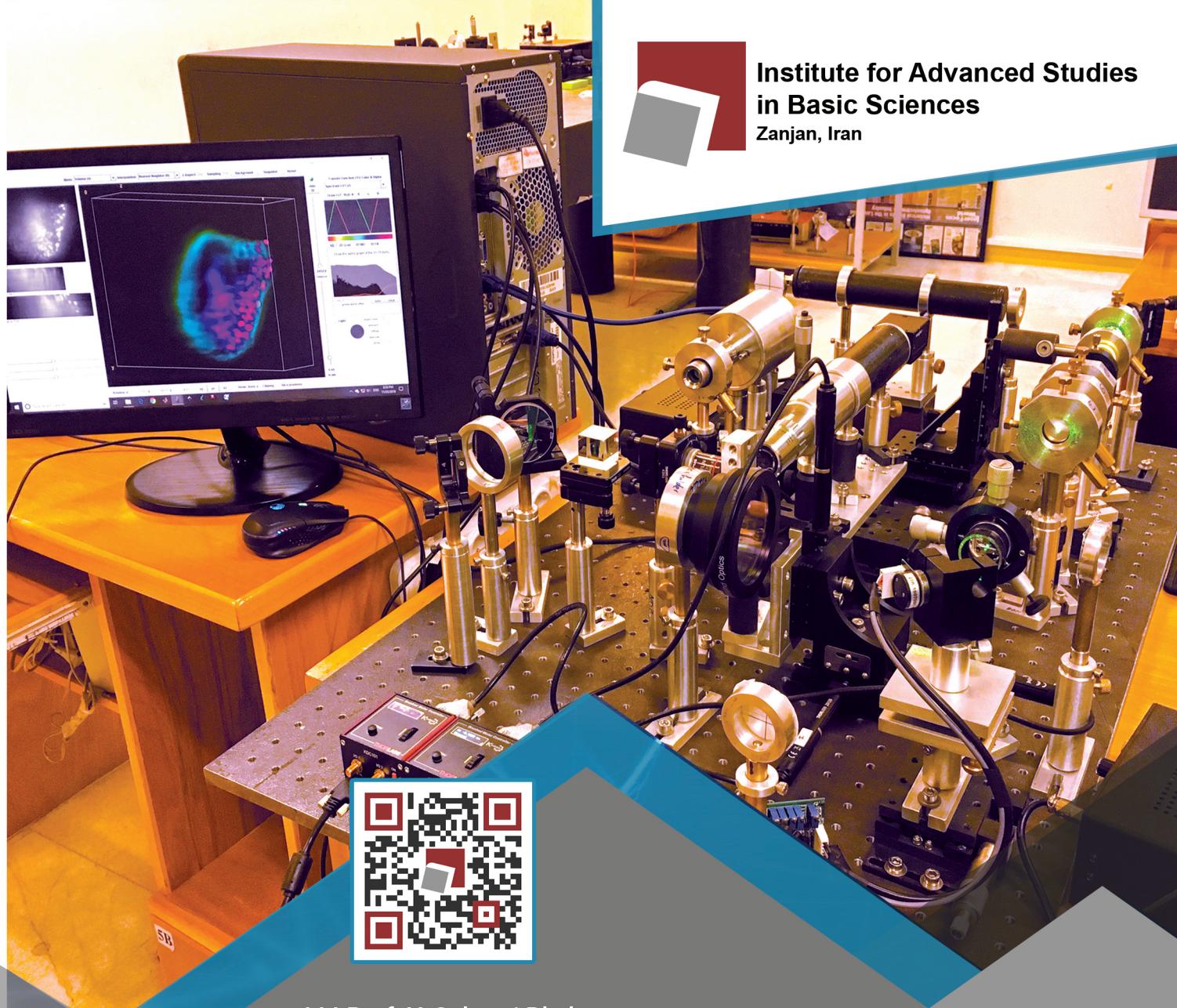
## Department Facts

 Since 1993

 34 Faculty

 915 Alumni

 346 Students



PUBLIC RELATIONS © 2025

 Institute for Advanced Studies  
in Basic Sciences  
Zanjan, Iran

## Department of Physics

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

[www.iasbs.ac.ir](http://www.iasbs.ac.ir)

# Departmental Overview

In line with the university's main goal of advancing basic sciences, the physics department was established as the first department in 1993 and began its activities by admitting students at the master's level. In 1996, the department launched its first doctoral program. Our main goal is to train specialists in the field of physics who can conduct research at an international level.



## Areas of Study

- Astrophysics and Cosmology
- Quantum Materials
- Soft Matter & Biophysics
- Optics and Photonics
- Complex Systems
- Quantum Science and Technology

**Head of the Department:**  
**Dr. Nahid Azimi**  
[phys.info@iasbs.ac.ir](mailto:phys.info@iasbs.ac.ir)

## Research Facilities

This department has the following educational laboratories:

- Mechanics Lab
- Modern Physics Lab
- Thermodynamics Lab
- Optics Lab
- Electromagnetism and Electronics Lab

In addition to the teaching laboratories, several research laboratories are available:

- Advancing Diffraction, Interferometry, Moiré Techniques, and Singular Optics Lab
- Plasmonic Lab
- Integrated Photonics Lab
- Biophysics Lab
- Optical Interferometry and Micro-Optics Lab
- Multi-Dimensional Imaging and Detection Lab
- Structured Light and 3D Microscopy Lab
- Acoustic and Optical Micromanipulation Lab
- Electronic Materials Lab
- Fluid Mechanics Lab
- Light Detection and Ranging Lab

Additionally, several devices and laboratories provide services both within and outside the university:

- Atomic Force Microscope
- Coating System
- Spectroscopy Lab
- Rheology Lab
- Mechanics and Electronic workshops

