

# **Quality Policy of the Doctoral School of Physics, University of Pécs**

## **Introduction**

In alignment with the mission and quality policy of the University of Pécs, the Doctoral School of Physics provides a high-standard, internationally competitive doctoral education in the field of physics.

Our goal is to ensure the training of future researchers through intellectual, ethical, and methodological quality standards that form the foundation of students' scientific careers, while guaranteeing transparency, credibility, and ethical compliance throughout the doctoral process.

## **1. Student-Centred Approach and Academic Excellence**

- The doctoral training program aims to educate highly qualified researchers, lecturers, and applied physics specialists.
- Student admission, training, and degree procedures are governed by a clearly regulated, transparent, point-based system.
- Based on student feedback (e.g. course evaluations, OMHV), the training programs are continuously improved.
- Doctoral candidates are encouraged to participate in international conferences, mobility programs, and to publish scientific papers.

## **2. Excellence of Supervisors and Academic Staff**

- Supervisors are expected to maintain active research activity, strong publication performance, and both domestic and international recognition.
- The quality of research topics and supervision is regularly assessed by the Doctoral School Council in accordance with the Hungarian Accreditation Committee (MAB) guidelines.
- During the selection and evaluation of supervisors and lecturers, special emphasis is placed on the quality of student support, scientific mentorship, and collaborative publication activity.

## **3. Support for Research and Scientific Activity**

- The Doctoral School of Physics provides a multidisciplinary and international research environment with active participation in European research infrastructures (e.g. EuPRAXIA, TWAC).
- Research support includes infrastructure, supervisory mentoring, and conference/publication grants.
- An appropriate environment is ensured for doctoral students to meet their publication requirements.

## **4. International Relations and Cooperation**

- A key strategic objective of the Doctoral School is the development of international collaborations, particularly with DESY, CNRS, and other European partners.
- The school supports participation in international doctoral networks (e.g. EuPRAXIA-DN) and promotes joint doctoral degree opportunities.

## **5. Quality Assurance and Transparency**

- Every stage of doctoral training and degree acquisition (admission, training, comprehensive examination, thesis defense) is governed by detailed, publicly available procedures and documentation.
- Activities are supported by comprehensive documentation to ensure traceability and accountability (e.g. minutes of council meetings, NEPTUN system records, defense and examination reports).
- Anti-plagiarism measures are enforced through declarations of originality and the use of plagiarism detection software (Turnitin).
- The school's operational and training regulations are publicly available and reviewed annually.

## **6. Technological and Infrastructural Support**

- The technical infrastructure used in training is continuously developed, taking into account emerging research directions (e.g. THz accelerator development).
- The use of digital research logs and electronic publication systems is encouraged.

## **7. Sustainability and Ethical Compliance**

- Throughout training and research, special attention is paid to ethical conduct and academic integrity.
- The school stands firmly against all forms of intolerance and discrimination affecting staff or students.
- The ethical compliance and scientific credibility of dissertations are ensured.
- The operation of the school is transparent, taking into account the interests and expectations of external stakeholders and students.
- Commitment to environmental sustainability is reflected in paperless administration and in research topics related to energy-efficient technologies, quantum optics, and materials science.