

# **Annotation of a PhD program at the Institute of Information and Communication Technologies of the Bulgarian Academy of Sciences**

**Title: "Science and Innovation in Information and Communication Technologies"**

**Objective:** The PhD programs at the Institute of Information and Communication Technologies (IICT) of the Bulgarian Academy of Sciences (BAS) aim to attract and develop **the best young researchers** in the field of information and communication technologies. The programs offer **a unique opportunity** for in-depth research and academic development, while promoting **an interdisciplinary approach and innovation**.

## **Main characteristics:**

1. **Leading Highly Qualified Institute:** PhD students work under the guidance of leading scholars and faculty members who are recognized experts in their fields.
2. **Interdisciplinary approach:** The program fosters collaboration among different scientific disciplines, enabling doctoral students to broaden their knowledge and skills.
3. **Modern infrastructure:** Access to modern computing infrastructure, the HEMUS supercomputer, as well as modern laboratories and technological resources that support the conduct of high-quality research.
4. **International cooperation:** Participation in international conferences, seminars, projects and exchange programs that provide a global context and networks of contacts.
5. **Financial support:** Scholarships, grants, and other forms of additional financial aid that provide stability and focus on research work.
6. **Career Development:** Specialized courses and workshops on career planning, entrepreneurship and professional development.

## **Admission Criteria:**

- Master's degree in a relevant or related field (informatics, computational mathematics, computer science, electronics, telecommunications, engineering, etc.).
- High academic achievements (GPA above very good 4.50).
- Publications or participation in scientific projects give an advantage.
- A cover letter demonstrating interest and commitment to the chosen field of study.

**Forms of education:** full-time (up to 3 years), part-time (up to 4 years), self-study (up to 5 years), PhD project (full-time, part-time or self-study).