

## Postdoctoral Research Fellows in Photonics and Plasmonics

The Institute of Photonics and Electronics v. v. i.\* invites applications for a **Postdoctoral Research Fellow position in Photonics and Plasmonics**. Join the Optical Biosensors research team (team leader Prof. Jiří Homola) and contribute to cutting-edge research in plasmonics and biosensing.

### Responsibilities and tasks

The selected candidate will carry out research in optical systems and plasmonic (nano)structures for optical affinity biosensors for applications in biomedicine. Both theoreticians and experimentalists are encouraged to apply.

### Requirements

- Ph. D. degree in electrical engineering, physics, optics, optoelectronics, or similar,
- publication record in the field of plasmonics and photonics,
- experience in research into plasmonic (nano)structures and development of optical platforms for plasmonic sensing.

### We offer

- Participation in exciting multidisciplinary research projects with a high societal impact.
- Work in an international and inclusive research team and institution;
- Outstanding research infrastructure including multiple optical labs, cleanroom facilities (incl. electron-beam lithography system, and a 2-photon polymerization 3D printer), chemistry and biochemistry labs with support from professional lab technicians, computational resources, and mechanical workshop for optomechanical prototyping;
- Full-time employment with five weeks of vacation and other benefits.

### Terms of employment

The initial period of employment is one year (with the possibility of an extension). Start date is flexible – immediately or upon agreement.

### Application procedure

To apply, please, respond to email [hr@ufe.cz](mailto:hr@ufe.cz) with the following documents:

- letter of application (cover letter),
- CV,
- list of publications.

In the subject line of your email, please, state that you are applying for a **Postdoctoral Research Fellows in Photonics and Plasmonics**.

\* The selection procedure is announced in accordance with the Act No. 283/1992 of the Academy of Sciences of the Czech Republic, as amended by Act No. 420/2005, and in accordance with the Statutes of the Academy of Sciences of the Czech Republic.