

ASSOCIATE PROFESSOR



ORGANIZATION: CZECH TECHNICAL UNIVERSITY IN PRAGUE

FACULTY: FACULTY OF NUCLEAR SCIENCES AND PHYSICAL ENGINEERING

DEPARTMENT: DEPARTMENT OF SOFTWARE ENGINEERING

RESEARCHER PROFILE: ESTABLISHED RESEARCHER (R3) OR LEADING RESEARCHER (R4)

RESEARCH FIELD: COMPUTER SCIENCE AND INFORMATICS

COUNTRY: CZECH REPUBLIC

WORKPLACE: PRAGUE

TYPE OF CONTRACT: FOR A FIXED TERM OF 2 YEARS WITH EXPECTED EXTENSION TO PERMANENT

JOB STATUS: 1 ACADEMIC POSITION, FULL-TIME (40 HOURS/WEEK)

SALARY: 80 000 CZK/MONTH (3 200 EUR/MONTH)

START DATE: EXPECTED JANUARY-SEPTEMBER 2025 (NEGOTIABLE)

APPLICATION DEADLINE: OCTOBER 31, 2024

OFFER DESCRIPTION

The [Faculty of Nuclear Sciences and Physical Engineering](#) of the [Czech Technical University in Prague](#) is one of the leading scientific and educational institutions in the Czech Republic. It covers a wide scope of fields in Mathematics, Scientific Software, Physics, Chemistry, Material Sciences, or Nuclear Engineering. The [Department of Software Engineering](#) (DSE) conducts research and leads courses in areas related to scientific computing and data processing, data visualization, mathematical modeling and optimization, machine learning and artificial intelligence, etc. DSE provides courses for students in Bachelor's, Master's, and also Doctoral programmes. DSE operates a 3D print lab in Děčín and collaborates with several academic institutions, companies, medical centers, and public administration institutions. Several members of the department participate in LHC experiments at CERN.



The Dean of the Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, invites applications for an associate professor (Established Researcher R3 or Leading Researcher R4) at the Department of Software Engineering. The call is open to exceptional candidates from all areas of research in [Computer Science and Informatics](#) that, in

particular, include Software Engineering, Applied Informatics, Machine Learning and Artificial Intelligence, Mathematical Optimization, Software Optimization, Distributed, Parallel and Cluster Computing, Computational Geometry, Computer Graphics, Computer Vision, or Virtual Reality and Human-Computer Interaction.

The candidate is expected to conduct scientific research, software development, other creative activities, and to participate in teaching courses in the aforementioned areas. The start date is subject to mutual agreement, with the preferred date being the first half of 2025.

A competitive salary of 80 000 CZK/Month (3 200 EUR/Month) for Associate Professor is guaranteed for two years. Afterwards, the successful candidate is expected to apply for a grant (e.g., from ERC and/or the Czech Science Foundation) financing his/her further research.

QUALIFICATION REQUIREMENTS

- A title of Associate Professor in Computer Science and Informatics recognized in the Czech Republic, or the ability to start habilitation process in 2025,
- English language fluency,
- Czech (or Slovak) language fluency or willingness to learn Czech,
- research and teaching experience in one of the relevant fields,
- stable and excellent publication record,
- ability to integrate project, research and teaching activities including graduate student supervision,
- experience from foreign academic or research institutions.

APPLICATION

The application must be written in English, Czech, or Slovak and must include **Cover letter, Curriculum vitae, Research statement, Publication list, Summary of teaching experience, Proof of completed education and professional competence, Letter(s) of recommendation**, and any other documents that you deem useful.

If interested, please send your complete application by email to ksi@fjfi.cvut.cz by **31 October 2024**.

INFORMATION ON THE SELECTION OF A SUITABLE CANDIDATE

The selection procedure takes the form of an assessment of the submitted documents in the first round. In the second round, a personal interview will be held with the selected candidates. The selection panel is expected to meet with the shortlisted candidates by the end of November 2024.

Informal inquiries concerning the position are welcome via ksi@fjfi.cvut.cz.

Czech Technical University in Prague stands for equal opportunities and diversity. We strongly encourage qualified women to apply. Child-rearing periods will be taken into account when assessing your scientific career.



Dean of FNSPE, CTU in Prague