MUNI
FI

**Masaryk University
Faculty of Informatics**

Open Positions

Lecturer
at the Department of Visual Computing
June 30, 2022

Post-doctoral open call FI MU 2022
September 4, 2022

Assistant Professor Position
in Natural Language Processing
September 30, 2022

Lecturer in Programming
and Computer Science
September 30, 2022

Assistant Professor Position
with the Department of Computer Science
September 30, 2022

Lecturer at the Department of Visual Computing

**Masaryk University
Faculty of Informatics**

Location	**Brno, Czech Republic**
Monthly salary	**CZK 31,000**
	EUR 1,230 (approx.)
	(CZK 62 000 for the
	full-time equivalent)
Hours	**part-time**
	(20 hours per week)
Contract type	**tenure track**
Applications due	**June 30, 2022**
Employment start date	**September 2022 /**
	by mutual agreement

Dean of the Faculty of Informatics, Masaryk University announces an open competition for the position of Lecturer at the Department of Visual Computing.

Job Description Key Points

– Preparing, running and coordinating hands-on courses covering both theory and practice of photography based on the existing courses curriculum of these courses:
  – VV045 Portrait Photography
  – VV033 Light and Surfaces in Photography
  – VV034 Effects in Phtography
  – VV042 History of Photography
– Most of the courses of Photography are based in the photo-studio. Good technical knowledge of the photo-studio equipment is required, inclusive of care of the photo-studio equipment.

The successful candidate must have

– good communication skills, ability to work independently, being enthusiastic and creative, resourceful and responsible;
– a passion for problem-solving and a desire for continuous improvement in teaching skills;
– an ability to work well as a team member or leader;
– established art career as a photographer;
– ability to supervise Bachelor's and Master's theses;
– record of active participation on proposal and grant writing, student exhibitions, artwork production, publishing;
– proficiency in English language and university education.

Knowledge of Czech language is welcome but not required.

Applicants should submit

– CV;
– degree documents;
– summary of work experience, publication and teaching activities and in research grants;
– cover letter explaining your interest in the position;
– title and abstract of a lecture that can be presented as a part of the application process,
– names and contacts of three professional and language referees.

Please submit your application, including all required documents, preferably online via the MU e-application at muni.cz/en/about-us/careers/vacancies/71261

In case this way of submission would not be possible, we also accept a paper application with a declaration of the reason for such a submission.

Post-doctoral open call FI MU 2022

**Masaryk University
Faculty of Informatics**

Location	**Brno, Czech Republic**
Monthly salary	**CZK 61,000**
	EUR 2,500 (approx.)
Hours	**full-time**
Applications due	**September 4, 2022**
Employment start date	**by mutual agreement/ January 2023**

The Faculty of Informatics of Masaryk University (FI MU) in Brno, Czech Republic, invites applications for one or **two Post--doctoral positions in all areas of Computer Science**. Brno is an attractive city for students and young researchers, and often branded as the "Silicon Valley of the Czech Republic" thanks to its innovative ecosystem of universities and start-up as well as scale-up businesses. The Faculty has a strong interest in attracting applications from abroad.

The postdoctoral positions are awarded for one year with an extension to the second year after a review. Gross salary is 61,000 CZK per month which sums to about **30,000 €** per year. Additional funds of approximately 4,000 € per year will be available for travel and material expenses. Preferred start date of the contract is January 2023, but other options can be negotiated without hassle.

Requirements

Candidates must have a, Ph.D. degree not older than 4 years at the time of application, from a university outside of the Czech and Slovak Republics. In case that the, Ph.D. defense is not yet finished, the candidate must also provide an official letter certifying that his/her, Ph.D. thesis has already been submitted for defense and outlining the expected schedule of the, Ph.D. defense. Candidates with a, Ph.D. degree from a Czech or Slovak university may also be considered if they prove at least two years of post-doctoral research experience abroad.

Evaluation

All candidates are expected to be fluent in English, while prior knowledge of Czech is not required. Candidates will be evaluated on the ground of their strong international research record, and preference will be given to those whose research areas match the research directions of the Faculty of Informatics; see fi.muni.cz/research/.

Application

Applications must be submitted electronically at the attached www address—the electronic application form (only reference letters, if not given directly to the applicant, may be sent by email). The applicants should provide the following documents with their application:

- An academic CV, a list of publications, and a motivation letter. Preferably also attach (links to) your ORCID, Google Scholar profile, and your DBLP record.
- A scanned copy of the, Ph.D. diploma, or a letter certifying submission of doctoral thesis for the defense.
- One external reference letter, and one support letter (expression of interest) from a member of the academic staff of the Faculty of Informatics of Masaryk University. These letters, if cannot be attached by the applicant him/herself, may be sent to the e-mail address below.
- All interested applicants are strongly advised to informally contact their expected host research groups at the Faculty of Informatics well ahead of submitting their application.
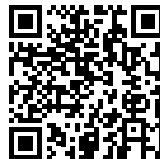
Contact

prof. Petr Hliněný
Vice-dean for research, development and doctoral studies

Submission of applications:
muni.cz/en/about-us/careers/vacancies/71161

E-mail (only for inquiries and reference letters):
postdoc+2022@fi.muni.cz

Assistant Professor Position in Natural Language Processing

Masaryk University
Faculty of Informatics

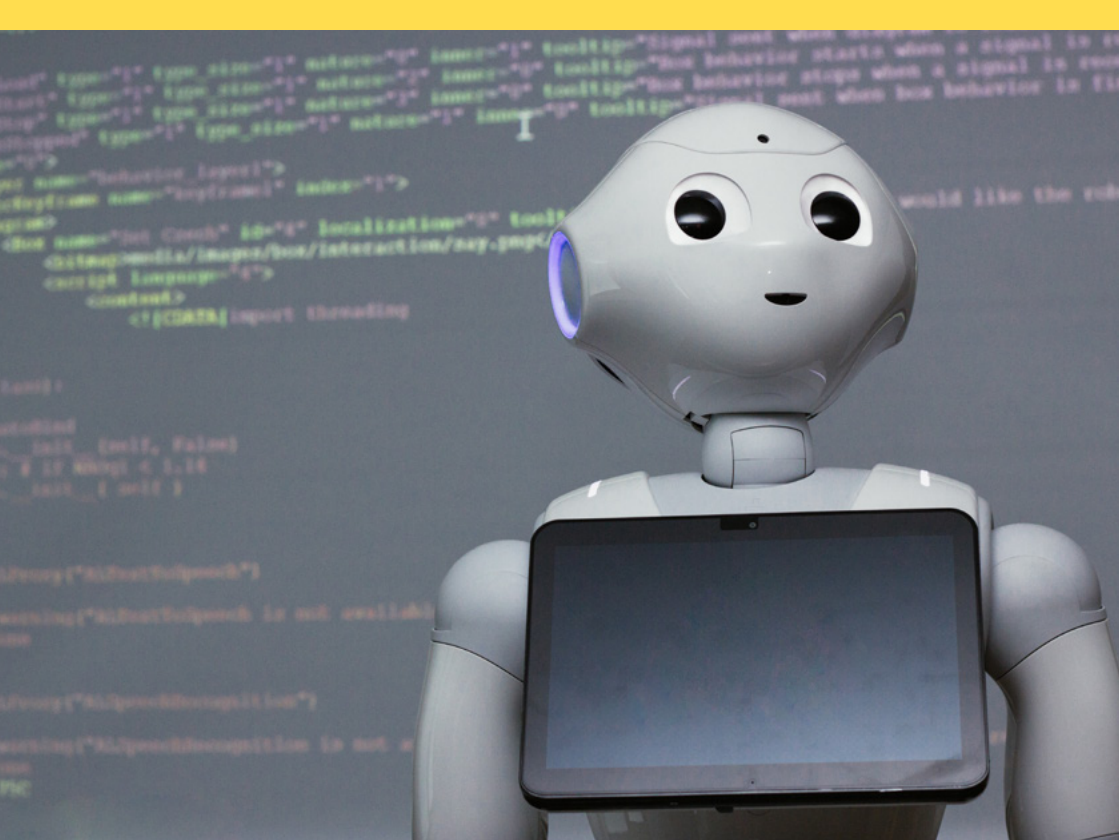|	
Location	**Brno, Czech Republic**
Monthly salary	**CZK 76,500**
	EUR 3,100 (approx.)
Hours	**full-time**
Contract type	**tenure track**
Applications due	**September 30, 2022**
Employment start date	**by mutual agreement**

The Dean of the Faculty of Informatics MU invites applications for a position of Assistant Professor in Natural Language Processing, with the Department of Machine Learning and Data Processing.

This position is aimed to strengthen the work of the Natural Language Processing Centre (NLP Centre) at the Faculty of Informatics. NLP Centre conducts basic and applied research in all areas of text and speech analysis and knowledge engineering with applications in data analysis projects (often in cooperation with industrial partners) and education of fut ure language and data analysts. Besides research and education, the abilities to work with a team of graduate students on research targeting top NLP conferences and to engage undergraduate and graduate students in both educational and research exercises are crucial.

Job Description Key Points

– Active international cooperation, in research and education.
– Involvement in teaching in the natural language processing area.
– Supervision of Master/Bachelor theses and consultancy or co-supervision of PhDs.
– Involvement in expanding industrial cooperation in the natural language processing area.

Requirements

– PhD in Informatics or related discipline.
– Passion for problem solving and desire for continuous improvement in teaching skills.
– Existing track record in both education and research in natural language processing.
– Expert knowledge in (several) areas covered by courses:
    – PA153 Natural Language Processing
    – IA161 Natural Language Processing in Practice
    – PA164 Machine learning and natural language processing
    – PA154 Language Modeling
    – PV061 Machine Translation
    – PV277 Programming Applications for Social Robots
    – PA156 Dialogue Systems
    – IB047 Introduction to Corpus Linguistics and Computer Lexicography
– Practical involvement in the development phase of software project(s) with ability to demonstrate tools developed and showcase data analyses performed.
– Dynamic, flexible personality, able to work well in teams.
– Languages – fluent English (both spoken and written), other language(s) welcome.
– Experience from other countries than Czech & Slovak republics (at least half a year).

Desired skills and achievements

– Experience with research achievements published at the top NLP conferences or best journals publishing NLP research results.

- Ability to work well in interdisciplinary teams.
- Successfully defended Bachelor and/or Master theses supervised.
- Experience with research project team leadership is an advantage.
- Open-source projects development and maintenance.

Other information

The starting salary for this Assistant Professor position is 76,500 CZK, and with the progress in this tenure-track position can in no more than 3 years be modified based on the level of involvement in research and educational projects.

Applicants should submit

- CV;
- degree documents;
- summary of work experience, publication and teaching activities and involvement in research grants;
- cover letter explaining your interest in the position and the IT area;
- title and abstract of a lecture that can be presented as a part of the application process;
- names and contacts of three professional and language referees.

Please submit your application, including all required documents, preferably online via the MU e-application at muni.cz/en/about-us/careers/vacancies/70340

In case this way of submission would not be possible, we also accept a paper application with a declaration of the reason for the such submission.

Any queries regarding the submission shall be sent to: pers@fi.muni.cz.

Queries regarding the position as such can be addressed to **assoc. prof. Ales Horak**: hales@fi.muni.cz.

Lecturer in Programming and Computer Science

**Masaryk University
Faculty of Informatics**

Location	**Brno, Czech Republic**
Monthly salary	**CZK 58,000**
	EUR 2,350 (approx.)
Hours	**full-time / part-time**
Applications due	**September 30, 2022**
Employment start date	**January or February 2023/**
	by mutual agreement

Dean of the Faculty of Informatics, Masaryk University announces an open competition for the position: Lecturer in Programming and Computer Science

Job Description Key Points

- Tutoring of cybersecurity at Bachelor's and Master's degree levels with possible extension to programing and programming skills and software engineering.
- Preparing, running and coordinating hands-on seminars as part of the teaching duties.
- Development and support of a homework assignment submission and auto-grading system.
- Taking part in preparation, realization, and evaluation of exams.
- Continuous improvement of personal teaching skills.

The successful candidate must have

- a Master's Degree in Computer Science, Informatics, or related discipline;
- a passion for problem-solving and a desire for continuous improvement in teaching skills;
- experience, in cybersecurity and/or software engineering;
- an ability to work well as a team member or leader;
- fluent Czech or Slovak language skills.

Applicants should submit

– CV;
– degree documents;
– summary of work experience, publication and teaching activities and involvement in research grants;
– cover letter explaining your interest in the position;
– title and abstract of a lecture that can be presented as a part of the application process;
– names and contacts of three professional and language referees.

Please submit your application, including all required documents, preferably online via the MU e-application at muni.cz/en/about-us/careers/vacancies/71641

In case this way of submission would not be possible, we also accept a paper application with a declaration of the reason for such a submission.

Assistant Professor Position with the Department of Computer Science

**Masaryk University
Faculty of Informatics**

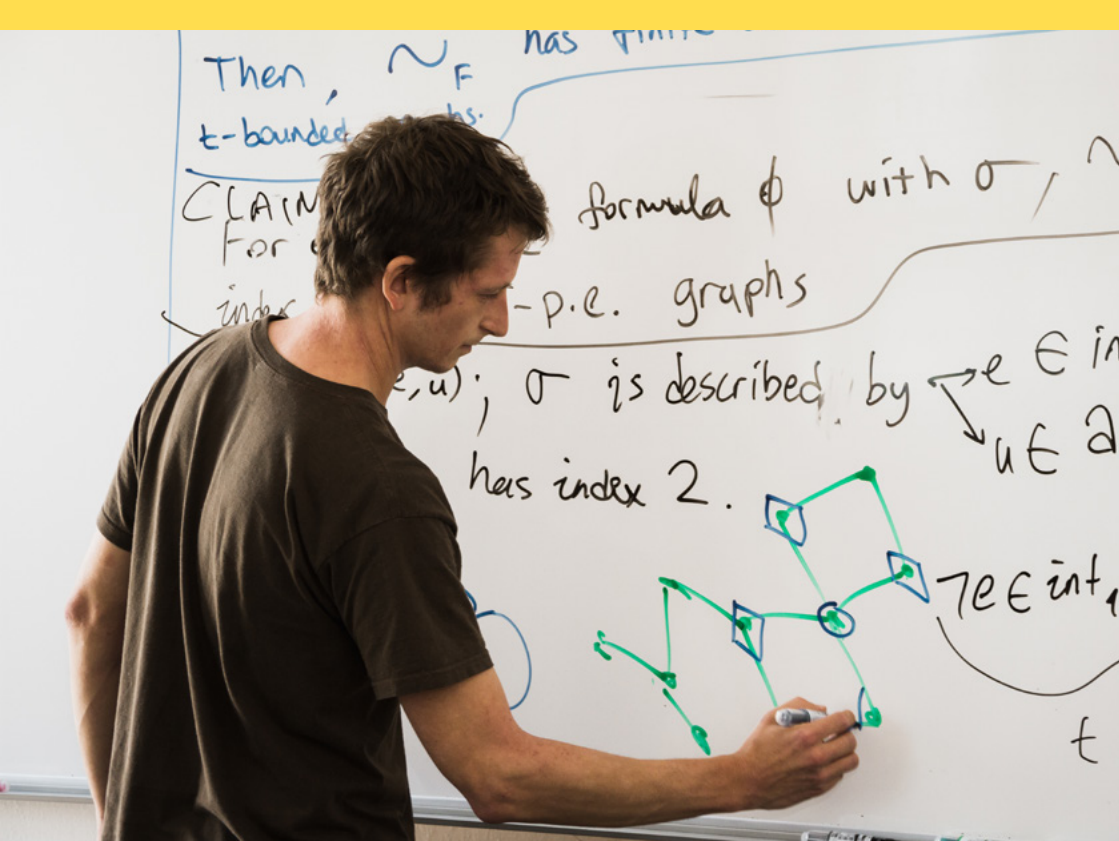|	
Location	**Brno, Czech Republic**
Monthly salary	**CZK 76,500**
	EUR 3,100 (approx.)
Hours	**full-time**
Contract type	**tenure track**
Applications due	**September 30, 2022**
Employment start date	**by mutual agreement**

The Dean of the Faculty of Informatics MU invites applications for a position of Assistant Professor with the Department of Computer Science.

This position is aimed to strengthen the teaching activities at the department in the following areas

– Foundations of quantum computing
– Foundations of AI
– Non-Imperative programming
– Foundations of formal verification

Job Description Key Points

– Involvement in teaching
– Supervision of Master/Bachelor theses and consultancy or co-supervision of PhDs
– Preparation of new courses
– Active international cooperation in research
– Involvement in project activities

Requirements

– PhD in computer science or a closely related discipline
– Excellent publication record
– Experience in teaching and supervising small projects
– Passion for problem solving and desire for continuous improvement in teaching skills
– Experience with active participation in research projects

Desired skills and achievements

– Ability to work well in interdisciplinary teams
– Experience with research project team leadership is an advantage.

Other information

The starting salary is 76,500 CZK with no bonuses. This amount is guaranteed for at most 3 years. Within this period the applicant must enter the faculty personal evaluation scheme, which may modify the salary according to the level of involvement in the research and educational projects.

The position is intended as a tenure-track position, however, the initial contract will be limited to three years. The contract will be prolonged automatically in case of satisfactory research and teaching performance.

Applicants should submit

– CV
– degree documents
– summary of work experience, publication and teaching
  activities and involvement in research
– cover letter explaining applicant's interest in the position
– title and abstract of a lecture that can be presented as a part
  of the application process
– names and contacts of two professional referees

**Please submit your application, including all required
documents, preferably online via the MU e-application at**
muni.cz/en/about-us/careers/vacancies/70681

In case this way of submission would not be possible, we also
accept a paper application with a declaration of the reason for
the such submission.

Any queries regarding the submission shall be sent to:
pers@fi.muni.cz.

Queries regarding the position as such can be addressed to
prof. Ivana Černá: cerna@fi.muni.cz

Faculty of Informatics Masaryk University

Tradition and Prestige

Masaryk University is the second largest university in the Czech Republic. Its Faculty of Informatics (FI) was established in 1994 as the first independent Computer Science faculty in the country. The faculty's high level of scholarship has earned it an excellent research rating in various applied and theoretical areas of Computer Science and Information Technology. According to the national ranking, CERGE EI 2016, we have the best informatics research results in the Czech Republic. We are proud of:

– long–standing cooperation with industrial partners;
– 54% of foreign students;
– excellent job opportunities for graduates and also part-time jobs and internships for students;
– CERIT Science Park cerit.fi.muni.cz;
– Cyber Exercise & Research Platform kypo.fi.muni.cz;
– organization of conferences: Text, Speech and Dialogue; Computational Methods in Systems Biology 2018; EuroVis 2018; CEQIP or DIMEA Days.

21 Research Laboratories

The faculty is a home to a diverse group of research laboratories and centres where students at all levels participate in research under the guidance of skilled academics. Since 2018, the faculty hosts prestigious grant from the European Research Council. Students acquire hands-on experience with leading-edge technologies and make contact with the latest findings from around the world. They have a natural opportunity to participate in research projects—even undergraduates at the faculty have published original research results in international journals.
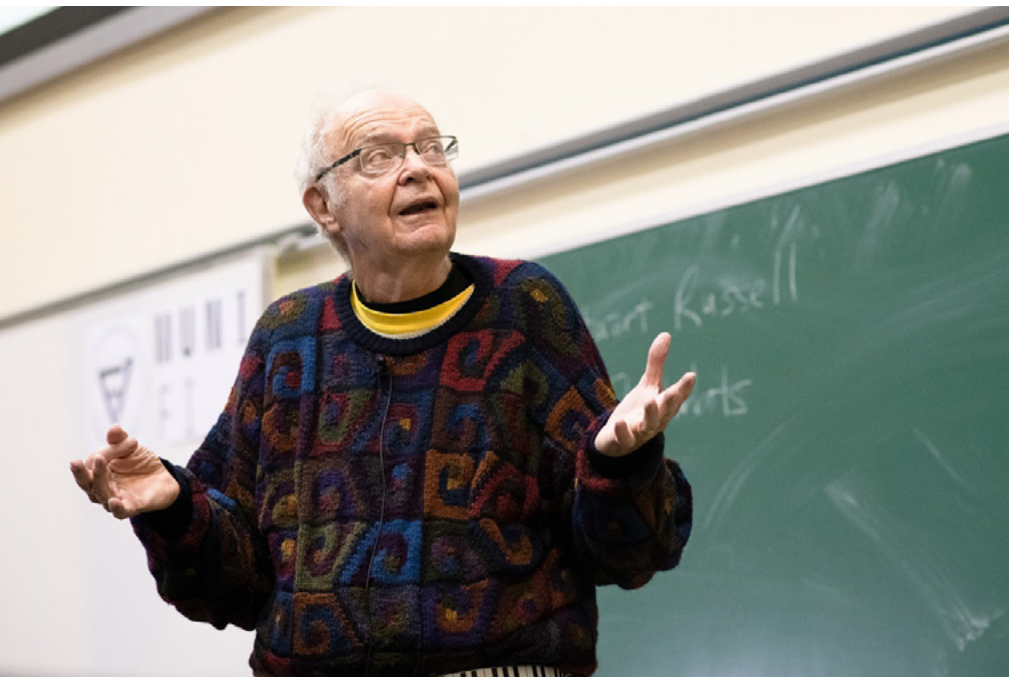
Areas of Research

Scientific research at the FI is organized rather informally, within flexible research groups which can quickly respond to current challenges and trends in the scientific world. At the FI we address research questions and problems from all fields of informatics and related disciplines. Research groups, structured according to the ACM 2012 classification:

– Applied Computing
– Artificial Intelligence
– Computer Systems Organization
– Computing in Life And Medical Sciences
– Hardware
– Human-Centered Computing and HCI
– Information Systems
– Mathematics of Computing
– Networks
– Security and Privacy
– Software and Its Engineering
– Theory of Computation

Teaching

We offer 4 bachelor's programs, 7 master's programs (3 of them are given in English) and doctoral study programme Computer Science.

Connection with Renowned Scientists

In 2019 two holders of the ACM Turing Prize, Donald E. Knuth and Dana Scott, held lectures at Masaryk University and the Faculty of Informatics. Donald E. Knuth has a strong relation to the FI, and since 1996 has been Doctor honoris causa in the field of mathematical sciences of the Masaryk University on the proposal of the FI. Since 2019 the Faculty of Informatics offers professor chair, named after Donald Ervin Knuth.
The chair is currently held by prof. Daniel Král'.

Living in Brno

Boasting a vibrant history, prosperous business excellence, 14 flourishing universities and a thriving cultural life, Brno is a city of innovation and diversity. It is at the heart of the South Moravian region and its 400,000 residents make it the second largest city in the Czech Republic.

Whether you are here on business, immersing yourself in the opulent cultural scene, taking a stroll through Brno's stunning parks and surrounding nature, familiarising yourself with its rich history, relaxing with a glass of locally-grown wine or visiting the adrenalin-pumped world-famous MotoGP, Brno truly is the place to be.

Brno enjoys fast growing centres of business, trade, science, Information Technology, research and innovation with its business incubators and centres of excellence in science (JIC, CEITEC, etc.) making it a significant global contender within these sectors attracting local and global interest, as well as foreign direct investment. The Brno Exhibition Centre ranks among the largest exhibition centres in Europe, pulling in visitors from all over the world.

Facts about Brno

- Brno has **almost 90,000 students** studying at its **14 universities and 3 university campuses**. The graduates provide a **rich resource of employees** that push the boundaries of Brno's blossoming business sectors. Very safe city.
- **Strategic geographic position** within Central Europe with excellent transport accessibility, **including an international airport**
- **High quality of life**—cultural and sports centre, historical sights (Villa Tugendhat, a UNESCO site), functionalist architecture, shopping centres and services for leisure time
- **Beautiful natural environment**
- **The Brno Expat Centre,** joint project of Brnopolis, c.a. and Brno Municipality (City Strategy Office), acts as a service office catering to the needs of foreign skilled professionals who are living or working in Brno or who plan to live or work here
- **Modern, dynamic and fast growing centre of industry,** trade, science, Information Technology, research and innovation with business incubators and centres of excellence in science
- Important **centre of international trade fairs** and exhibitions

Contacts

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instagram.com/fi_muni

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