



**Czech Institute of Informatics, Robotics, and Cybernetics
Czech Technical University in Prague**

Position ID: RICAIP Director
Position Title: Director of the Research and Innovation Centre on Advanced Industrial Production (RICAIP)
Position Location: Prague, Czech Republic
Subject Areas: R&D Management, Robotics, Artificial Intelligence, Machine Learning, Machine Perception, Computer Vision, Automated Reasoning, Natural Language Processing, Formal Methods, Cybersecurity, Multi-Agent Systems, Planning and Scheduling, Process Control, Production Processes, Mechatronics, Intelligent Manufacturing, Manufacturing management, Industry 4.0 and related areas.
Starting Date: 01-01-2020
Appl. Deadline: 20-09-2019

The [Czech Institute of Informatics, Robotics, and Cybernetics](#) (CIIRC) at the Czech Technical University in Prague invites applications for the position of RICAIP Director at the rank of senior researcher, associate professor, professor in the areas of R&D Management, Robotics, Artificial Intelligence, Machine Learning, Machine Perception, Computer Vision, Automated Reasoning, Natural Language Processing, Formal Methods, Cybersecurity, Multi-Agent Systems, Planning and Scheduling, Process Control, Production Processes, Mechatronics, Intelligent Manufacturing, Manufacturing management, Industry 4.0 and related areas.

. The position is established and co-funded by the EU Center of Excellence [RICAIP](#) - Research and Innovation Centre on Advanced Industrial Production. RICAIP is hosted at CIIRC CTU Prague, founded as a result of flagship H2020 project (Widespread-Teaming programme), and is supported by the European Commission and the Czech Republic.

Job Description

RICAIP Director is the full-time position acting as the main executive body of RICAIP. The director has the right to control RICAIP performance, manage the leading positions, decide about the employment conditions and recruitment procedure with respect to internal rules of the project partners, resolve conflicts and make any kind of executive decisions at the operational level. The director will manage RICAIP and create and lead a team of researchers and technicians in developing and implementing the research plan of RICAIP. The director will develop, review, and implement plans for strategic growth, financial plans, operational procedures, human resource management, and other duties related to the successful operations of the institute and implementation of the RICAIP project. The director will report to RICAIP Steering Committee (the supervisory body of the Centre) and will act in line with the mid-term framework set by the Executive Board (collective body of the Centre where the RICAIP Director is a member). RICAIP Director is supported by sound administration and own secretariat.

RICAIP Director leads the Centre of Excellence towards the implementation of the RICAIP vision:

RICAIP, in the long-term perspective, will be a world-class, EUR 30 mil/year, 350 researchers, distributed research centre significantly transcending the initial consortium members. With infrastructure in Prague, Brno, Saarbruecken and further nodes in Europe, RICAIP will be working together with industrial partners on over 100 projects in all aspects of Industry 4.0 and distributed manufacturing systems and value chains in a profoundly changing industrial sector.



Candidates are expected to:

- Take the responsibility for the scientific, financial, and operational management of RICAIP and to represent RICAIP;
- Manage the administrative and professional work and operations of the Centre;
- Organise and coordinate the work process and implement the decisions of RICAIP Steering Committee and Executive Board;
- Hire personnel and make personnel decisions;
- Define roles and positions as necessary to ensure the successful operation of the Centre and, if necessary, propose modifications of the Act on organization of positions for adoption by the Steering Committee and Executive Board;
- To set and evolve the relations with national and pan-European networks in the respective field (such as CLAIRE, euRobotics, EFFRA, BDVA, ELLIS, AICZECHIA, DIH).
- Adopts the internal rules of the institution that are outside the purview of the Steering Committee;
- Acquire external funding and collaborate with other researchers and specialists in academia or industry;
- Be an inspiring contribution to our staff.

Candidates are offered:

- Competitive salary with possible performance-based raises;
- Opportunity to lead prestigious European H2020 project;
- Opportunity to develop a research program and lead a team;
- Flexible work schedules can be arranged.

Requirements

Applicants should have the following qualifications:

- PhD degree in Computer Science, Artificial Intelligence, Applied Mathematics, Systems and Control, Mechanical/Electrical Engineering, or related disciplines;
- At least 8 years of professional experience in a field related to the RICAIP areas of research, and at least 3 years experience outside the Czech Republic;
- Excellent record of scientific results and/or industrial innovations;
- Experience in managing scientific research and development projects;
- Experience in managing international and interdisciplinary projects and teams,
- Ability to lead, coordinate, and organise,
- Experience in serving on the international boards of organisations
- Excellent written and spoken communication skills in English
- High motivation for implementing own visions;
- Team player with the ability to clearly communicate and eager to look for and exploit synergies CIIRC and its network provides.
- Industry focus



Research Environment

The Czech Institute of Informatics, Robotics, and Cybernetics (CIIRC) at the Czech Technical University in Prague is a recently established research and teaching institute dedicated to cutting-edge research in computer science, robotics, cybernetics, artificial intelligence and related areas. The institute has been founded in 2013 and an important part of its mission is interdisciplinary cooperation, technology transfer and collaboration with advanced industry. The institute has over 200 employees conducting world-class research in a number of areas. It is the home of two ERC grant holders in AI and three large Excellent Teams projects combining [Robotics](#), [Machine Perception](#), [Machine Learning](#), [Computer Vision](#) and [Automated Reasoning](#). CIIRC's groups have obtained research funding from Amazon, Google, Facebook, Porsche, Skoda Auto and other companies and CIIRC teams regularly place high in competitions ranging from [Amazon Alexa Prize](#), to [autonomous car competitions](#) and [world championships in Automated Reasoning](#). CIIRC is also the home of a National Competence Center for Cybernetics and Artificial Intelligence.

[RICAIP](#) - Research and Innovation Centre on Advanced Industrial Production, no. 857306. RICAIP is the European Centre of Excellence in AI and industrial robotics established and hosted at CIIRC, funded by H2020 and ESIF in the amount of ~EUR 50 mil. for the period of 2019-2026. RICAIP will conduct research in the field of artificial intelligence, robotics for advanced industry, and related fields.

The list of leading CIIRC researchers includes (alphabetically): [R. Babuska](#) (robotics), [Z. Hanzalek](#) (scheduling and optimization), [V. Hlavac](#) (vision, robotics), [V. Kucera](#) (systems and control), [L. Lhotska](#) (AI, biomedical engineering, human-machine interaction), [T. Mikolov](#) (AI, learning), [T. Pajdla](#) (vision, robotics, geometry), [J. Sedivy](#) (NLP, learning), [J. Sivic](#) (vision, learning), [O. Stepankova](#) (biomedical engineering), [J. Urban](#) (AI, reasoning). The research groups are international and English is the official language at CIIRC. Foreign researchers, postdocs, graduate students and interns come from a variety of countries such as the USA, France, Japan, Netherlands, China, Austria, Russia and Turkey.

CIIRC is located in a [modern building](#) opened in 2017, located close to the Prague Castle and downtown, and with easy transport to the Prague Vaclav Havel airport. The institute is equipped with large computational infrastructure, robots, industrial testbed and other state-of-the-art research facilities.

[Prague](#) is the capital of the Czech Republic, considered one of the most beautiful cities in the world and attracting millions of tourists every year. It has the highest Quality of Living Worldwide ranking among the eastern European cities and over 160,000 foreign residents. It boasts a rich history and culture, long tradition of university education and scientific research, and a dynamic economy. The cost of living in Prague is about one half of the living costs in Amsterdam, Paris or New York. Based on the 2018 Global Peace Index, the Czech Republic is the [10th most peaceful and safe country in the world](#).

Information and application

Employment opportunities, admissions policies, activities, services, and the facilities of CIIRC CTU and RICAIP do not exclude any person on the basis of race, colour, age, sex, religion, national origin, or disability.

All candidates that meet criteria in the target profile will be invited to the second round for the personal interview.



To apply, please send an application with subject “RICAIP Director”, including a detailed CV, a motivation letter, information on strategic R&D vision, electronic copies of your top three publications and contact data of at least three references, to Eva Troppová, e-mail: eva.troppova@cvut.cz.

For further information about this position, please contact Eva Troppová.