

# UNIVERSITY OF PARDUBICE, Faculty of Electrical Engineering and Informatics

Is seeking 1 researcher for the position of a

## SENIOR SPECIALIST IN THE RESEARCH OF RADIO POSITIONING SYSTEMS

### Research area:

Communication, positioning and detection technologies

### Job description:

The position is based on cooperation in research and development of communication and positioning technologies with emphasis on increasing accuracy and safety in object positioning. The researcher will lead research in advanced detection methods, classification of detected objects and reliability of tested methods. During the whole contract, the researcher will intensively cooperate with the team of the Faculty of Electrical Engineering and Informatics. The researcher will develop current research and cooperate with industry and other partners of the faculty.

The researcher specialist will be obliged to organise a seminar/workshop for his/her colleagues or other scholars on research achievements, experience from abroad, possibilities of cooperation etc.

### Goals and expected contribution:

The contributions involve mainly transfer of knowledge and experience in applying communication and positioning systems not used at the faculty, yet similar in principle and developed for differently defined operational conditions. Further contributions rest in knowledge transfer on the latest development of the field of study, its direction at different institutions, and in the proposal of detection and classification methods.

### The applicant is required:

- To have gained PhD or similar degree (ISCED level 8 equivalent) 7 or more years before September 1<sup>st</sup>, 2017 and
- Within the last 3 years (to the date of September 1<sup>st</sup>, 2017) to have held a research position outside the CR extending to at least 50% of the full-time workload for at least 2 years and
- To meet the criteria of:
  - (i) normalised<sup>1</sup> H-index of a minimum of 8.5 and
  - (ii) participation in at least 1 international or national grant in the last 5 years (to the date of September 1<sup>st</sup>, 2017) and
  - (iii) publication activity (listed in the databases Thomson Reuters Web of Science, Scopus or ERIH PLUS, types of publications including "article", "book chapters", "letter" and "review") – at least 3 items within the last 5 years (to the date of September 1<sup>st</sup>, 2017)
- To have excellent knowledge of the English language (written as well as spoken).

Successful applicants should not have any type of employment at another university or other institution. Any exception from this rule must be based on an application submitted during the selection process.

### Job location:

University of Pardubice, Faculty of Electrical Engineering and Informatics, Pardubice, Czech Republic

### We offer:

- Fixed term contract for 6 months
- Expected contract start on June 1<sup>st</sup> 2018
- Full-time contract (8 hours/day, working hours 8:00 – 16:30)
- Gross pay per month: 88.561,-- CZK
- Employee benefits – paid holiday, subsidised meals
- Pleasant working environment, training, the researcher will be assigned a colleague to coordinate his/her activity and cooperation with other academic staff of the faculty

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<sup>1</sup> Instructions for the calculation of a normalised H-index in enclosed file

**The application must contain:**

- Application form (filled in)
- Professional CV
- PhD Diploma, or its nostrification
- Certificate of English language examination passed as a part of his/her study or a certificate/declaration of English language skills from an institution of his/her most recent employment<sup>2</sup>
- Documents proving the applicant's scientific experience outside the CR
- Calculation of a normalised H-index signed by the applicant
- List of publications concerning the last 5 years (to the date of September 1<sup>st</sup>, 2017)
- List and a brief description of research projects (national and international) in which the applicant participated within the last 5 years (specifying the position and number of months), to the date of September 1<sup>st</sup>, 2017
- List of internships (abroad, in the sphere of application) within the last 5 years (to the date of September 1<sup>st</sup>, 2017) and their brief description
- Cover letter incl. the specification of the applicant's contribution to the new workplace
- Brief description of the applicant's current research incl. its relevance and usefulness for the field of study
- Reference of a previous supervisor or head of research team in which the applicant participated

All the above documents will be translated into English. The diploma or its nostrification and the Certificate of English language examination can be submitted in Czech or Slovak. Documents in a language different from Czech, Slovak or English, must be submitted in a certified translation into one of these languages. Simple copy (printed or electronic) is sufficient for this selection procedure.

**Applications including the attachments are to be sent in at the latest by 23 October 2017** in electronic form to the address [libuse.cermanova@upce.cz](mailto:libuse.cermanova@upce.cz) or in printed form to the postal address:

Ing. Libuše Cermanová

Univerzita Pardubice

Studentská 95

532 10 Pardubice

*(Please write "Do not open – selection procedure" on the left side of the envelope)*

**Selection procedure, selection criteria and their evaluation:**

Enclosed file

Information about the results of the selection procedure will be published on the University of Pardubice website (<https://www.upce.cz/en>). You will also be notified of the results in writing (by e-mail and by post) and you will receive your personal protocol. This protocol will include the description of the process of appeal with its time schedule.

**Time schedule of the selection procedure:**

Publication: till 9 October 2017

Submission of the required documents: till 23 October 2017

Evaluation: till 6 November 2017

Notification of results and publication of results on the University of Pardubice website: on the date of 13 November 2017

This position is sought for the project International Mobility of Research Workers at the University of Pardubice submitted as a part of the Operational Programme Science, Development and Education no. 02\_16\_027.

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<sup>2</sup> Does not concern applicants whose mother tongue is English.