

Three Vacancies - Researcher

The ERA Chair project “Enhancing Innovation and Research dimensions of the University of Zilina in Intelligent Transport Systems” (ERAdiate) is a Coordination and Support Action funded by the European Commission’s 7th Framework Programme (FP7) for a period of 5 years until July 2019.

The project has the overarching objective to enhance UNIZA and the Zilina region performance in research, innovation and education, as well as to strengthen UNIZA’s competitiveness within the [European Research Area \(ERA\)](#) in the field of Intelligent Transport Systems (ITS). More specifically, the project addresses challenges such as creating competitive environment, increasing of critical mass of excellent researchers, significant improvement of the UNIZA performance in competitive research funding, implementation of the ERA culture and contribution to growth and jobs based on the SMART specialization strategies.

Starting from November 2017, ERAdiate will coordinate a European project entitled “Mobility and Time Value” (MoTiV) in the framework of the EU Framework Programme for Research and Innovation, Horizon 2020. The MoTiV project will be funded under the “Research and Innovation” scheme until May 2020 (30 months). ERAdiate will be leading a consortium of six other international partners. The main goal of the project is to advance research in the emerging area of Value of Travel Time (VTT) by introducing a conceptual framework for the estimation of VTT at an individual level. Such framework will be validated through data collection and evaluation throughout Europe.

The University of Žilina is recruiting three RESEARCHERS to be employed on a full-time basis for ERAdiate and MoTiV projects.

The successful candidate should be available to start in September 2017. He/she will be working from the University Science Park premises at the University of Zilina.

Responsibilities

The Researcher will report directly to the ERA Chair Holder. Within the MoTiV project, the main responsibilities include:

- Analysis of mobility and behavioural data collected through the MoTiV app. This includes the identification of relevant behavioural patterns via multi-criterial clustering and matching found patterns to value proposition of mobility.
- Analysis of factors influencing (positively / negatively) experience and value of travel time.

The position will involve:

- Acting as expert for advancing ITS-research;
- Independent applied scientific research on par with international standards;
- Acquisition of research funds from national and international funding programs (includes publications);
- Advancing the international academic network of the ERA Chair Team;



- Supporting the preparation of deliverables;
- Preparation of high-impact scientific publications and reports, presented at high-impact events.

Profile and Competencies

The successful candidate should demonstrate the following competencies:

- Experience in projects related to the relevant fields in ITS and/or ICT;
- Proven research experience in relevant areas of the MoTiV project (i.e. statistical analysis, data mining)
- Excellent communication skills in English;
- Enthusiasm for unconventional solutions, creativity, and visionary power;
- Good inter-personal skills and communication skills within a multi-national context;
- Blamelessness.

Education and Experience

- PhD Degree or equivalent in technical or scientific area relevant to Intelligent Transport Systems (ITS) and/or Information and Communication Technologies (ICT).
- Experience in one of the following research fields: Statistics and data analysis (behavioural analysis is considered as an added value); Sustainable and inclusive mobility; Societal effects of ITS deployment; Business models for ITS and ICT; Decarbonisation of mobility; SMART solutions, e.g. Smart Cities, Access & Pricing, Cooperative and complex mobility systems.

The University of Zilina offers

- A full-time (100% FTE) contract under the Slovak law starting in September 2017;
- A competitive salary;
- Flexible working time;
- An international and pleasant working environment.

How to apply

Applications with signed copies of documents in English (cover letter, CV, copies of university degrees, declaration of truthfulness of the data provided in application documents) should be addressed to Prof. Milan Dado, ERAdiate Project Coordinator, and Dr. Karl Ernst Ambrosch, ERA Chair Holder, and sent to the following address:

Žilinská univerzita v Žiline, Oddelenie personálnej a sociálnej práce, Univerzitná 8215/1, 010 26 Žilina, Slovenská republika.

Alternatively, electronic applications (including scans of the signed documents) should be sent to erachair@uniza.sk.

NB: The selected candidate will be asked, before the start of employment, to provide extract/s from the criminal record not older than three months, as well as recognition of foreign qualifications if studies were completed abroad.

Deadline for application: 16/07/2017 included

