

Call for Expressions of Interest: MSCA Individual Fellowships 2017 University of Essex – Institute for Analytics and Data Science

The Institute for Analytics and Data Science (IADS) is a pan-University multidisciplinary and interdisciplinary Institute whose core mission is to develop new methods and approaches for harnessing data and understanding human and systems behaviour that will bring benefits to diverse fields from health and finance to business and public policy. IADS draws together the range of data analytics and big data research carried out across the University, to promote an interdisciplinary approach to data analytics, to provide training in advanced data analytics methods, and to support knowledge exchange with businesses and other organisations. More information about IADS can be found on our website: <https://www.essex.ac.uk/iads/>

IADS would like to invite Expressions of Interest from postdoctoral researchers of any nationality (at any career stage) to apply for a Marie Skłodowska-Curie Individual Fellowship to contribute to the research agenda of the Institute in analytics, big data and data science. We are looking to support a small number of high-quality applications under the 2017 call and would welcome expressions of interest from interested researchers, particularly, but not exclusively, in the following areas:

- Machine learning techniques
- Interpretability of machine learning algorithms
- Causal inference
- Online (continuous) learning
- Advanced text analytics
- Semantic information extraction
- Multi-stream reasoning

Description of the Marie Skłodowska-Curie Fellowship Programme

The purpose of the Individual Fellowship is to support the career development and training of researchers through international mobility. The scheme allows researchers to move around, into or within EU Member States and Associated Countries and, in some cases, spend time outside Europe. The grant provides researchers with up to two years' salary, a mobility allowance, family allowance (if required) as well as funding for research, training and networking. Full details of the scheme are available at <http://ec.europa.eu/research/mariecurieactions/>.

Eligibility and Requirements

Candidates should hold a doctoral degree – or have at least four years of full-time research experience - in computer science, statistics, engineering or other relevant discipline. Candidates are also expected to have good problem solving, troubleshooting, and analytical skills, be fluent in English, have good interpersonal and written and oral communication skills, and be able to work independently as well as within an international team. Candidates should also have a very good knowledge of high level programming languages (such as C, Java, Python) and ideally some previous experience and work in one of the aforementioned themes.

At the time of the call deadline (14 September 2017), researchers must not have resided or carried out their main activity (e.g. work, studies etc.) in the UK for more than 12 months in the last 3 years.

Submitting an Expression of Interest

Interested applicants should submit a one-page CV, an outline of the proposed research (maximum 1,000 words) and a cover letter highlighting why you believe this area of work will be suited to the Institute for Analytics and Data Science as the host institution (maximum 500 words).

Please submit these in Word format to by the 30th of June, 2017 to Emma McClelland, Institute Administrator (ejmcccl@essex.ac.uk). If you would like to discuss your proposal further, please contact Prof Maria Fasli, Director of IADS (mfasli@essex.ac.uk).

An expression of interest is not a promise of funding or position. It is an expression of interest in making a future application with the University of Essex as your host.

Review of expressions of interest will start after the deadline. Proposals will be evaluated based on research quality, the applicant's future career prospects and the availability of appropriate supervision. The best proposals will be chosen for submission to the MSCA-IF competition. The applicants will be notified the outcome of their applications by the 14th of July 2017.

The successful applicant[s] will be supported in completing their application by the scheme deadline of 14 September 2017.

Best regards,
Professor Maria Fasli