Lecturer/Senior Lecturer in Statistical Machine Learning

London, E1 4NS

Queens Mary University of London, School of Mathematical Sciences

About us

Queen Mary is one of London and the UK’s leading research-focused universities. With over 20,000 students, it is amongst the largest of the colleges of the University of London. Queen Mary’s 4,000 staff teach and research across a wide range of subjects in Science and Engineering, the Humanities, Social Sciences and Laws, and Medicine and Dentistry.

The School of Mathematical Science has an exceptionally strong research presence across the spectrum of areas within Pure and Applied Mathematics, and is currently organised into six research groups, namely: Algebra, Combinatorics, Complex Systems and Networks, Dynamical Systems and Statistical Physics, Geometry and Analysis, and Probability and Applications. The School also has large and popular undergraduate and graduate programmes.

The School is entering an exciting period of strategic growth with significant investment in new posts over the next three years across a broad range of disciplines. In addition to academic appointments, approximately £20M is being invested in the School’s building to provide state-of-the-art research, teaching and study facilities for staff and students.

About the role

Applications are invited for a Lectureship or Senior Lectureship in Statistical Machine Learning. This descriptive label is intended to cover the mathematical and statistical foundations required for learning and statistical inference from large data sets. Motivating applications include clustering, data mining, supervised and unsupervised learning, and classification; and approaches include Bayesian networks and other graphical models, support vector machines and various non-parametric methods.

We are seeking to appoint an outstanding candidate who will have the expertise and desire to develop the rigorous mathematical and statistical foundations required for solving, in a principled manner, problems of learning, classification and statistical inference from large data sets. He or she will be expected to contribute to the development of the statistics group within the School, and be alert to potential collaboration with applied groups in other schools. A successful applicant at Senior Lecturer level will have an excellent research profile and a strong track record of independent research as evidenced, for example, by successful PhD supervision, substantial external research funding, and/or a sustained publication record of well cited papers.
At Lecturer level a successful applicant will have demonstrated exceptional potential for achieving research excellence.

Candidates should also have a strong interest in pursuing excellence in teaching and supervising graduate students, as well as the ability and flexibility to teach across a range of topics in statistics and probability, and mathematics more generally.

Applicants whose work has had a significant impact outside of the university environment are particularly encouraged to apply.

**The School and Athena SWAN Charter for Women in Science**

The School holds a departmental Bronze Athena SWAN Award and is a registered supporter of the LMS Good Practice scheme. We are committed to the equality of opportunities and to advancing women’s careers. We have policies to support staff returning from long-term absence, for flexible arrangements for staff with parental responsibilities and for child-care support for the attendance of conferences. As part of the School’s commitment to the Athena SWAN and the LMS Good Practice principles we strongly encourage applications from women.

Please visit our information about the School and [www.maths.qmul.ac.uk/equality/athena-swan](http://www.maths.qmul.ac.uk/equality/athena-swan) for our family friendly policies and parental leave.

**Pay & Benefits**

The post is full-time and permanent. For an appointment at Lecturer level, starting salary will be in the range of £40,182 – £50,030 inclusive of London Allowance. For an appointment at Senior Lecturer level, starting salary will be in the range of £52,878 – £59,104. Benefits include 30 days annual leave, childcare vouchers scheme, defined benefit pension scheme and interest free season ticket loan. The successful candidate will be expected to start the post on 1 August 2017 or as soon as possible thereafter.

Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006. Where required this may include entry clearance or continued leave to remain under the Points Based Immigration Scheme.

Informal enquiries may be made to Professor Boris Khoruzhenko at b.khoruzhenko@qmul.ac.uk

Please ensure you include with your application a curriculum vitae, a teaching statement and a statement explaining your fit with the advertised role.

The closing date for applications is Wednesday 1 February 2017.

Interviews are expected to be held on Monday 6 March 2017.

*Valuing Diversity & Committed to Equality*