UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Diamond Jubilee Chair in Artificial Intelligence, School of Computing, Faculty of Engineering

Salary: Negotiable, dependent on experience

Reference: ENGCP1104

Closing date: 28 June 2019

Diamond Jubilee Chair in Artificial Intelligence
School of Computing

The School of Computing's Artificial Intelligence Research Theme are looking for an outstanding individual, who will join us in leading the School and enhancing our reputation as a world-leading centre for research and education.

The recruitment of this Chair forms part of an ongoing process of investment which has generated continued growth in the numbers of staff and students across the School, in the breadth and reach of our research, and in our reputation, both nationally and internationally. As part of this strategy, we are investing in our core strengths as well as in new areas that form part of our vision for the future of computer science. In 2021, we will be moving to a new £96m complex in the heart of Science and Engineering. As a major research-intensive University, we provide a superb environment for the day to day work and progression of our faculty.

The **Chair in Artificial Intelligence** will join the University's extensive interdisciplinary artificial intelligence and robotics research network, which spans all eight faculties, with particular strengths in data analytics, computational medicine and infrastructure and surgical robotics. We are also home to the EPSRC National Facility for Innovative Robotic Systems, providing access to manufacturing expertise and outstanding facilities that are among the most advanced in the world. The School has a vibrant research activity covering several areas of AI and robotics, including knowledge representation and reasoning, computer vision, augmenting human intelligence and robot manipulation.

We are one of only a few Schools of Computing or Computer Science in England with a Silver Athena Swan award, evidence for our commitment and achievements in advancing the careers of women. In addition, our Faculty, and the University in general, are deeply committed to advancing equality and inclusion more broadly.

What does the role entail?

As Chair your main duties will include:
- Pursuing internationally leading research, maintaining a program of work characterized by significant contributions to the field and distinction as

evidenced by national and international recognition;

- Inspiring students through providing effective, high quality and inspirational teaching in computer science that achieves high standards of student feedback;
- Establishing and maintaining a high-quality record of publication in leading internationally-recognised peer-reviewed journals and conferences;
- Securing and sustaining high levels of research funding;
- Taking a leading role in the design, development and planning of modules and programmes, and in translating excellence in research and scholarship into learning opportunities for students;
- Working as appropriate with key stakeholders to ensure our research is informed by and impacts on key societal challenges;
- Professing and promoting the area of your research nationally and internationally, winning prestige for both the discipline and the University;
- Developing and maintaining networks and promoting links with funding agencies, and other public and private sector organisations;
- Initiating new intra- and inter-disciplinary research directions within and beyond computer science;
- Providing a major contribution to the strategic academic development, direction and leadership of the School, Faculty and University, including participation in governance and through external representation. For example, you will provide strategic leadership for major initiatives that will integrate with and build on existing activities at Leeds;
- Supporting and mentoring less experienced academic and research staff to promote career development and the nurturing of leadership potential and academic talent;
- Attracting high quality postgraduate research students and providing them with excellent supervision, supporting timely completion and subsequent career progression;
- Promoting a supportive, vibrant and inclusive environment for staff and students, with active consideration of equality and inclusion.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As Chair you will have:

- A PhD or other doctorate in a relevant discipline (or evidence of equivalent research experience in industry) and in-depth knowledge and expertise in a relevant area;
- Demonstrated excellence in all aspects of the student education experience, including an understanding of the principles of research-led teaching, a track record of integrating research with learning and teaching to deliver an excellent student experience via teaching, tutoring and the supervision of research projects, and the demonstrable ability to lead the development of a portfolio of modules;
- Experience in the sustained delivery of ambitious and imaginative leadership, with a vision and drive for results and quality that promotes excellence in education and research, and a willingness and capacity to take on a significant role in Faculty/School development, with the ability to think creatively and to anticipate trends and opportunities;
- The demonstrated ability to provide academic leadership in research both via your own work and through the encouragement of, and provision of guidance to, your colleagues;
- A track record in helping less experienced academic staff to progress successfully from PhD student, to post-doctoral researcher, and beyond;
- An outstanding record of research and publication, meeting international standards of excellence;
- A sustained track-record in attracting significant external funding to support a world-leading portfolio of research;
- Experience in developing impact from your research, ideally extending beyond academic impact to aspects of social, economic, policy, or other impact areas;
- International links and evidence of effective engagement with, and influencing of, national and international research agendas;
- The ability to work across subject areas, linking appropriately with other disciplines and research groups;
- A track record of effective team working and collaborative development, including excellent communication and interpersonal skills;
- A commitment to a positive, inclusive and equal working environment.

How to apply

You can apply for this role online; more guidance can be found on our How to Apply information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Professor David Hogg or Professor Tony Cohn
Tel: +44 (0) 113 343 5765 / 5482
Email: D.C.Hogg@leeds.ac.uk , A.G.Cohn@leeds.ac.uk

Additional information

Faculty and School Information
Further information is available on the research and teaching activities of the Faculty of Engineering and the School of School of Computing.

A diverse workforce
The Faculty of Engineering is proud to have been awarded the Athena Swan Silver Award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our equality and inclusion webpage provides more information. For more information, please contact Professor Netta Cohen n.cohen@leeds.ac.uk (Athena Swan Champion for the School of Computing).

Working at Leeds
Find out more about the benefits of working at the University and what it's like to live and work in the Leeds area on our Working at Leeds information page.

Candidates with disabilities
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our Accessibility information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.