



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

**Lecturer in Theoretical Computer Science (Teaching and Research),
Faculty of Engineering and Physical Sciences**



Salary: Grade 7 (£39,105 – £46,485 p.a.) or Grade 8 (£47,874 – £56,921 p.a.)

Reference: EPSCP1166

Closing date: Monday 24 March 2025

We are open to discussing flexible working arrangements

Lecturer in Theoretical Computer Science (Teaching and Research), School of Computer Science.

Are you an academic with a proven ability to carry out teaching and research in theoretical computer science or related topics? Do you have an excellent research record and proven success obtaining funding? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University?

The School of Computer Science at the University of Leeds is a highly ranked academic department ([top 10 in UK REF2021](#)) with a vibrant research culture and a commitment to excellence in our teaching. The School spans research across Algorithms & Complexity (AC); Artificial Intelligence & Robotics (AI); Computational Science & Engineering (CSE); Computing in Biology, Medicine & Health (BMH); and Distributed Systems & Services (DSS).

We are looking to appoint a Lecturer in Theoretical Computer Science. We are seeking an academic with a track record of research excellence that aligns with the School's [Algorithms and Complexity Research Theme](#), and in particular that has research expertise at the interface of Discrete Mathematics and algorithmic aspects of Theoretical Computer Science. The candidate also needs to make a strong contribution to our teaching and to the delivery of an exceptional student experience.

You will work closely with other staff in the theme. You will carry out research, teaching and management within the school, faculty and university and contribute to academic leadership in the field of Computer Science.

The School of Computing is a friendly place to work, with staff working in flexible ways in both teaching and research. We encourage colleagues to apply from a diverse range of backgrounds and we try and provide a supportive environment to help your career flourish.

You will be expected to align with the University's new 10-year strategy: University Values and Global Change (<https://spotlight.leeds.ac.uk/strategy/>) and our institutional values: collaboration, compassion, inclusivity and integrity.



What does the role entail?

As a Grade 7 Lecturer (Teaching and Research), your main duties will include:

- Contributing to the delivery of an exceptional student education and overall experience within the School through:
 - Delivering high-quality research-led teaching, including assessment and examinations in a timely manner at different levels and through different modes of study (on-campus, on-line and/or off-site);
 - Providing support, guidance and timely feedback to students, acting as a personal tutor, resolving issues or referring to specialist parties where appropriate;
 - Contributing to the development and delivery of modules within the School, including the development of innovative educational approaches and contributing towards module design, review and quality assurance mechanisms.
- Developing and delivering a planned programme of research and innovation in theoretical computer science with impact at national and eventually international levels. This will include:
 - Growing and then maintaining a record of high-quality research outputs including publications and conference presentations;
 - Attracting research funding individually and collaboratively to underpin your research plan;
 - Being involved in research supervision and contributing to the support of researchers.
- Contributing effectively to the administrative processes and committee structures of the School/Faculty.



As a Grade 8 Lecturer (Teaching and Research), your main duties will also include:

- Student education:
 - The development and delivery of modules and degree programmes within the School, including the development of innovative educational approaches, and participating in review and quality assurance.

- Research and innovation:
 - Being actively involved in research, innovation and impact at a national and international level, as well as contributing to local School/Faculty activity;
 - Maintaining a record of high-quality research outputs including publications and conference presentations;
 - Building academic networks to enable the integration of your own research area with other research interests within and, as appropriate, outside the School of Computer Science;
 - Providing research supervision and helping to attract funded postgraduate research students to the University.

- General:
 - Taking on leadership roles and where appropriate, managing initiatives which facilitate School, Faculty or University performance;
 - Acting as a role model for the University's expected leadership behaviours, promoting a culture of equality and inclusion, supporting colleagues, and upholding our sustainability agenda.

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 a Grade 7 Lecturer (Teaching and Research), you will have:

- A PhD in Computer Science or a relevant field;
- A developing track record of research outputs in refereed publications of internationally excellent quality;
- An ability to contribute to and develop interdisciplinary, collaborative research projects in a broad range of areas;
- Evidence of strong potential for securing external income to support and develop your research activity, commensurate with experience;
- A proven record of teaching in a University environment, with an enthusiastic approach to teaching theoretical computer science and the ability to interact with students in ways that will enhance the student experience;
- A high level of interpersonal and communication skills, and a strong ability to communicate effectively in writing and verbally with students, academic and external audiences;
- An ability to contribute to management and administrative processes and structures.

As a Grade 8 Lecturer (Teaching and Research), you will also have:

- Experience of proactively developing new teaching approaches and materials;
- Experience of providing postgraduate student supervision;
- The ability to develop research networks and/or interdisciplinary collaborations through effective communication;
- An ability to manage resources and staff;
- A successful record of obtaining external research funding, commensurate with your career stage, with the potential for obtaining further funding in the future.

At both grades you may also have:

- Experience of undertaking outreach and publicity activities;
- Experience of contributing to academic leadership.

Please read the 'How to apply' section (below) on what documents to include as part of your online application.



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](#).

Your application should include:

- **A short research statement** outlining your research vision and future funding strategy. You should explain how your research aligns with the School of Computing and wider university research strengths, and how you would utilise and build upon established facilities and expertise;
- **A short statement of your teaching experience.** You should explain how your teaching philosophy aligns with the University of Leeds student education strategy available here: <https://spotlight.leeds.ac.uk/strategy-student-education/index.html>. A supporting statement evidencing how you believe your existing knowledge and experience equips you to carry out the role;
- **A copy of your curriculum vitae** giving full details of qualifications, research and teaching experience and a record of research grants and publications.

Contact information

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

[Prof. Kristina Vušković](#), Leader of Algorithms and Complexity Research Theme

Email: K.Vuskovic@leeds.ac.uk

Additional information

Faculty and School Information

Further information is available on the research and teaching activities of the [Faculty of Engineering & Physical Sciences](#), and the [School of Computer Science](#).

The University of Leeds Vision and Strategy can be found [here](#) with specific sections around [research and innovation](#) and [teaching](#).



A diverse workforce

As an international research-intensive university, we welcome students and staff from all walks of life and from across the world. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Engineering and Physical Sciences we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian and ethnically diverse people; people who identify as LGBT+; and people with disabilities. Candidates will always be selected based on merit and ability.

The Faculty of Engineering and Physical Sciences are 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.

Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Information for disabled candidates

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at hr@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.



Salary Requirements of the Skilled Worker Visa Route

Grade 7 - Please note that this post may be suitable for sponsorship under the Skilled Worker visa route but first-time applicants might need to qualify for salary concessions. For more information, please visit [the Government's Skilled Worker visa page](#).

For research and academic posts, we will consider eligibility under the Global Talent visa. For more information, please visit [the Government's page, Apply for the Global Talent visa](#).

