

Job Description

Assistant / Associate / Full Professor (x 3) in Wireless Communication and Network Engineering at Northeastern University's London Hub

Position Overview

Discipline	Wireless Communication and Network Engineering
Faculty	Computing, Mathematics, Engineering & Natural Sciences (CoMENS)
Location	London, Devon House (St Katherines Dock)
Term	Full-time The role is suitable for hybrid working, provided the appointee can attend the campus (Devon House, London) for face-to-face work as and when required.
Salary Range	Assist Prof (G8) £47,321 to £58,155 pa (depending on qualifications and experience) Assoc Prof (G9) £56,467 to £75,833 pa (depending on qualifications and experience) Competitive salary for Full Professor
Reports to	Faculty Director, Computing, Mathematics, Engineering & Natural Sciences (CoMENS)
Benefits	The University supports staff maintaining a good work/life balance, offer flexible working and parental leave opportunities, an Employee Assistance Programme which provides free, confidential advice on both home and work concerns as well as optional private medical insurance, season ticket loans and being part of the cycle to work scheme.
Start	July 1, 2025

The role

Northeastern University London invites applications for up to three faculty positions at all ranks to join the newly established London Hub of the Institute for the Wireless Internet of Things (WIoT). The appointee will be teaching undergraduate and postgraduate students; provide service to the discipline in line with the evolving needs and aspirations of the Faculty and University; and

conduct world-leading research in the area. Appointments will be commensurate with experience and qualifications reflecting a record of demonstrated teaching, service, and research excellence. Applicants seeking appointment to *Full Professor* must state this expectation on their application and will be assessed according to University criteria for this rank prior to appointment.

We wish to appoint a specialist in **wireless communication and network engineering**. Preference may be given to candidates with active interests on one or more of the following areas of focus: Open RAN, Network Security, 6G technologies, mmWave and terahertz communications, cloud/edge computing and networks, machine learning for networks, XR/VR, smart and connected devices, digital health, optical networks, digital transformation, and other domains within wireless communications and network engineering.

Core duties will include developing and providing innovative and inclusive teaching at undergraduate and postgraduate levels, mentoring students and staff, professional service to the University and the wider Northeastern University network commensurate to career stage, and world-leading, high-impact disciplinary and interdisciplinary research. The successful candidate will have an opportunity to shape and manage Northeastern University London's degrees in related fields and contribute to the University's curricula on the subject.

Candidates will be considered across all areas of wireless and network engineering. We are especially seeking exceptional leaders, whose teaching, service, and research contributes to the advancement of wireless and network engineering as a field. Opportunities for disciplinary and interdisciplinary teaching, research and scholarship abound: the Faculty's grounding in humanics brings together computing, engineering and natural sciences with humanities based on ground-breaking research and research-oriented teaching practices. Preference may be given to candidates whose research demonstrably contributes to the Faculty's priority areas. We particularly encourage applications from those with an interest in innovative teaching, learning and assessment; those with experience of supporting a wide variety of students; and those belonging to groups underrepresented in UK higher education. We are open to appointing on a reduced fraction or job-share basis, subject to our business needs.

We particularly encourage applications from those with experience of supporting a wide variety of students and those belonging to groups underrepresented in UK higher education.

Discipline/ Faculty

The recently formed Faculty of Computing, Mathematics, Engineering, and Natural Sciences (CoMENS) is undergoing significant growth at Northeastern University London.

The Institute for the Wireless Internet of Things (WIoT) at Northeastern University is a leading research nexus dedicated to the advancement of wireless technologies and network engineering. Since its inception in 2019, WIoT has grown into a leading research institute, think tank, and technology incubator. With its global network spread across campuses in Boston, Burlington, MA, and soon in Oakland, CA, and London, U.K., WIoT is at the forefront of innovation in areas such as Open RAN, Network Security, 6G technologies, edge computing and edge networks, machine learning for networks, XR/VR, and more. The creation of the WIoT hub in London marks a significant milestone in extending our global reach and fostering international collaborations to address the challenges and explore the opportunities presented by the evolving landscape of wireless technologies, network engineering, and the Internet of Things.

About the University

Founded in 2012, Northeastern University London (formerly known as New College of the Humanities) has established itself as a prestigious higher education institution based in the heart of London. Northeastern University London is part of Northeastern University's Global Campus Network. Positioned as top ranking in the USA, Northeastern has campuses in Arlington, Boston, Charlotte, Miami, Oakland, San Jose, and Seattle in the USA, and Toronto and Vancouver in Canada.

After becoming part of Northeastern University's global network in early 2019, the University has undergone a period of rapid growth, having been granted Taught Degree Awarding Powers in February 2020 and moved to a new, state-of-the-art campus in 2021.

Northeastern University London offers a vibrant, collegiate community delivering broad and academically rigorous degree programmes, designed to equip graduates with the combination of skills and knowledge that are increasingly desired by organisations, employers, and society. It offers state of the art audio visual technology in its teaching and meeting spaces across the organisation.

Person Specification Criteria

To undertake this role, the following should apply - should you not have the experience below, please do highlight where transferrable skills would assist with you undertaking the role.

- A Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or related fields, by the time the position starts.
- Demonstrated ability to conduct high-impact research and a strong commitment to teaching.
- Experience in or willingness to participate in multidisciplinary research teams.
- Ability to lead a self-sustaining research program through external sponsored funding (required for senior level hires).
- Personal Attributes: We welcome candidates who are committed to building a diverse and inclusive community that fosters excellence in research and teaching.

We encourage applications from candidates who have had non-traditional career paths, have achieved excellence in careers outside academia, or have taken time off for personal reasons, e.g., to care for a family member.

Additional Information

Enquiries

Informal enquiries may be made to Tommaso Melodia (t.melodia@northeastern.edu). However, all applications must be made in accordance with the application process specified.

Application Process

Participation in the equal opportunities section is encouraged, but voluntary.

Applications must include a full curriculum vitae, a cover letter that sets out concisely and in ways relevant to this role how the applicant meets the person specification criteria, a research statement (3 page maximum, plus references), and a teaching statement (1 page maximum).

Interviews are likely to take place in early 2025.

The panel will be shortlisting for this position on a rolling basis so please apply as soon as possible. We reserve the right to close this post before the closing date if we receive many applications.

Please note this role may require a basic or enhanced DBS check. Our organisation acknowledges the duty of care to safeguard, protect and promote the welfare of our students and staff, and is committed to ensuring safeguarding practice reflects statutory responsibilities, government guidance and complies with best practice and Ofsted requirements.

You must adhere to the above if you are offered a role with NU London.

Applications are welcome from all sections of the community and will be judged on merit alone. We welcome applications from underrepresented groups.

Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006.

Job sponsorship. Visa sponsorship may be available for a successful candidate for this position.