



Research Associate position in Content-oriented Opportunistic Networking Communications and Information Systems Group (CISG)

As part of our work within a series of EU-funded H2020 and EPSRC projects, the UCL EEE Communications and Information Systems Group invites applications for two postdoctoral research positions in Content-Oriented Networking.

Our current projects focus on innovative Information-Centric Networking architectures and investigate this future networking paradigm from several different angles. We aim to design and develop a communication and information infrastructure for both mobile, opportunistic communication environments, but also with applicability to fixed networks. As such, expertise and implementation experience in any of the following areas is highly relevant: information-centric networking, opportunistic/mobile communications and DTNs, routing and resource management, congestion control, traffic engineering.

We are looking for talented postdoctoral researchers, ideally with a few years of experience, to join our team and help us fulfil the projects' goals, producing quality research, design and development work and publishing high quality research papers. The successful candidates will work within an established research team in the Communications and Information Systems Group led by Dr Ioannis Psaras and Prof. George Pavlou. The position is ideal for researchers with experience in working in and possibly running EU-funded projects and who are at the same time keen to also contribute to design and implementation efforts.

Applicants are required to have a PhD in Computer Science, Electronic Engineering or a related field. They also need to have knowledge and/or hands on experience in one or more of the following areas: content-oriented architectures; information-centric networking; opportunistic and delay-tolerant networks; resource management and congestion control; software-defined networks. Algorithm design skills are desirable and a good publication record is also important. The work will involve the design of new models, algorithms and protocols, some of which will need to be implemented in the projects' testbeds, an effort that will be led by the successful candidates.

The positions are initially for 1 year full time starting as soon as possible (ideal start May-June 2015), with the possibility of further extension for another two years until mid 2018. **The candidates are required to relocate to London.**

Salary is dependent on qualifications and experience. The post is Grade 7, starting salary £33,353 per annum and maximum salary £40,313 per annum, both including London Allowance which is currently £2,919 per annum.

Interested applicants are encouraged to make Informal enquiries about the post to Dr Ioannis Psaras (i.psaras@ucl.ac.uk) and Prof. George Pavlou (g.pavlou@ucl.ac.uk).

Further particulars and details of how to apply are available at www.ee.ucl.ac.uk/vacancies

All applications should be submitted via UCL online recruitment system at the following link: <http://www.ucl.ac.uk/hr/jobs/>

If you experience any problems when trying to apply, please contact Paul McKenna (p.mckenna@ucl.ac.uk) quoting reference **1454405**

The closing date for applications is 29th March 2015.

UCL Taking Action for Equality