



**London  
South Bank  
University**

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**School of  
Engineering**

The School of Engineering at London South Bank University is an ambitious and progressive centre of research strength, ranked 25<sup>th</sup> nationally for research power in the last Research Excellence Framework. We have a fabulous central London location and are looking for talented potential students interested in research to work with our academic faculty in areas of strength. These studentships are available to UK nationals & EU citizen's and overseas applicants. It covers full tuition fee and enhanced stipend of £15,000 tax-free per annum for 3 years. A PhD scholarship is now available with members of the Cognitive Centre team beginning in September/October 2020.

**PhD Scholarship in:** 6G communication technologies.

Applicants are expected to possess fundamental knowledge and skills in two or more of the following aspects:

- Excellent knowledge of wireless communications and/or signal processing.
- Prior experience in performance analysis and optimization theory.
- Research background in applying machine learning/deep learning for wireless communication.
- Publish international conference papers or IEEE journal papers.
- Good mathematical and programming skills.

### **Studentship summary**

All applicants should have at least a 2:1 honour's degree or a distinction or high merit at MSc level (or international equivalent), in either Electrical Engineering or Computer Science (or a related discipline). Applicants must have a good knowledge of English and ability to express themselves clearly in both written and spoken form. The successful candidate must be strongly motivated to undertake doctoral studies, must have demonstrated the ability to work independently and to perform critical analysis.

The first supervisor is Dr. Yongxu Zhu ([yongxu.zhu@lsbu.ac.uk](mailto:yongxu.zhu@lsbu.ac.uk)) and the second supervisor is Prof. Tasos Dagiuklas ([tdagiuklas@lsbu.ac.uk](mailto:tdagiuklas@lsbu.ac.uk)). In addition to the studentship, we also welcome applications from self-funded students with relevant backgrounds. Informal enquiries about the vacancy can also be asked to the contact persons above.

The closing date for the applications is 15<sup>th</sup> July, 2020, with a start in September/October 2020.

**LSBU Research Centres Website:** <http://www.lsbu.ac.uk/research/centres-groups>, please click on the [link here](#) to see the specific PhD posts available.