

## PhD recruitment

Imperial College London, UK

Positions: One Fully funded (stipend and tuition fees) and two self-funded studentships

**About the position:** Applications are invited for one funded and two self-funded PhD student positions at the ITP Lab (<https://www.imperial.ac.uk/intelligent-transmission-and-processing-laboratory/>) in the Department of Electrical and Electronic Engineering (EEE), Imperial College London (ICL). Successful candidates will perform fundamental research in the area of intelligent signal processing and wireless communications. The applications are expected have strong background in at least two of the following four areas: statistical signal processing, wireless communications, applied math, and machine learning. Even if not a prerequisite, research and/or publication experience in the related area is considered as a plus. The work will be at Intelligent Transmission and Processing (IP) Lab associated with the Communications and Signal Processing Group in the Department of EEE at Imperial College London. The PhD students will be supervised by Professor Geoffrey Ye Li ([Geoffrey.Li@imperial.ac.uk](mailto:Geoffrey.Li@imperial.ac.uk)) and may be also jointly supervised by other faculty members, depending on the research topics.

**Requirements:** The successful applicants should have (or be about to earn) a MEng or MSc degree (or equivalent) in Electrical Engineering, Applied Mathematics, or a related subject. Extremely outstanding applications with only bachelor degrees will be also considered. In addition to satisfy the minimum requirements of the Dept. of EEE and ICL, you should demonstrate good knowledge and/or experience in some of the following areas: wireless communications, communication theory, statistical signal processing, optimization, machine learning, coding and information theory. A publication track record or an industry experience in a related field is considered as a plus. Good written and oral communication skills, as well as good programming skills, for example in MATLAB and Python, are essential. The position will last for at most 4 years and is open to Home and overseas candidates. The candidate must be willing to register and undertake a PhD in intelligent signal processing and communications.