

PhD studentship (Full-time)

Institution	Xi'an Jiaotong-Liverpool University, China
School	School of Advanced Technology
Supervisors	Principal supervisor: Dr Zhao WANG (XJTLU) Co-supervisor: Dr Pengjian GONG (JITRI) Co-supervisor: Dr Mark LEACH (XJTLU) Co-supervisor: Professor Yi HUANG (UoL)
Application Deadline	Open until the position is filled
Funding Availability	Funded PhD project (world-wide students)
Project Title	Light-weight Broadband Millimeter Wave Transparent Luneberg Lens Antenna
Contact	Please email zhao.wang@xjtlu.edu.cn (XJTLU principal supervisor's email address) or pgong@mie.utoronto.ca (JITRI supervisor's email) with a subject line of the PhD project title

Requirements:

The candidate should have a first class or upper second class honours degree, or a master's degree (or equivalent qualification) in polymer material processing and information communication.

Evidence of good spoken and written English is essential. The candidate should have an IELTS score of 6.5 or above, if the first language is not English. This position is open to all qualified candidates irrespective of nationality.

Degree:

The student will be awarded a PhD degree from the University of Liverpool (UK) upon successful completion of the program.

Funding:

This PhD project is a collaborative research project between XJTLU (<http://www.xjtlu.edu.cn>) in Suzhou and JITRI (Jiangsu Industrial Technology Research Institute) Advanced Polymer Materials Research Institute in Nanjing. The student will be registered as an XJTLU PhD student but is expected to carry out the major part of his or her research at the Institute in Nanjing.

The PhD studentship is available for three years subject to satisfactory progress by the student. The award covers tuition fees for three years (currently equivalent to RMB 80,000 per annum). In addition, during the period of undertaking main research at institute in__Nanjing____, the PhD candidate will be provided with monthly living allowance at a standard of 3,240 RMB by JITRI Advanced Polymer Materials Research Institute.

Project Description:

For more information about doctoral scholarship and PhD programme at Xi'an Jiaotong-Liverpool University (XJTLU): Please visit

<http://www.xjtlu.edu.cn/en/study-with-us/admissions/entry-requirements>

<http://www.xjtlu.edu.cn/en/admissions/phd/feesscholarships.html>

Supervisor Profile:

Principal Supervisor:

Zhao Wang received the BEng in Electronic and Information Engineering from Xi'an Jiaotong University, China in 2003 and the Ph.D. in Wireless Communication and Electromagnetics from Queen Mary University of London, UK in 2009, respectively. Dr. Wang has been with the School of Advanced Technology, Xi'an Jiaotong-Liverpool University, where she is currently an associate professor, since 2010. Her research interests are antennas and the optimization algorithms, RF & microwave engineering, energy harvesting and wireless power transfer.

JITRI co-supervisor:

Pengjian Gong, is an associate professor of the College of Polymer Science and Engineering, Sichuan University. He finished his B.S. degree study in Chemistry and Chemical Engineering at Shanghai Jiao Tong University in 2007, and then finished his M.S. degrees study in Chemical Engineering at East China University of Science and Technology in 2010, and finally received his Ph.D. degree in Chemical Engineering at Kyoto University, Japan in 2013. He did his postdoctoral research at University of Toronto, Canada in 2014-2016. His research interests are focused on (1) high performance polymeric foams applied for millimeter-wave (mmW) transparency, electromagnetic interference (EMI) shielding, thermal insulation, light weight; (2) theoretical research of energy (EM, heat, etc.) conduction in porous materials; (3) microcellular foaming technique and theory including bubble nucleation, growth and stabilization.

How to Apply:

Interested applicants are advised to email zhao.wang@xjtlu.edu.cn (XJTLU principal supervisor's email address) or pgong@mie.utoronto.ca (JITRI supervisor's email) the following documents for initial review and assessment (please put the project title in the subject line).

- CV
- Two reference letters with company/university letterhead
- Personal statement outlining your interest in the position
- Proof of English language proficiency (an IELTS score of 6.5 or above)
- Verified school transcripts in both Chinese and English (for international students, only the English version is required)
- Verified certificates of education qualifications in both Chinese and English (for international students, only the English version is required)
- PDF copy of Master Degree dissertation (or an equivalent writing sample) and examiners reports available