2025 XJTU-UoL PhD Research Workshop

Xi'an Jiaotong University

Enjoy summer at the heart of China

2025 XJTU-UoL PhD Research Workshop is a 4-week programme which combines academic exchanges, in-depth research on our top-tier platforms, and rich cultural experience. During the programme you will visit historical sites such as Terra-Cotta Warriors and practice in XJTU laboratories guided by academicians and leading experts. Thanks to great experts in their fields, the Workshop manages to offer a combination of a professional scientific approach and a relaxed atmosphere.

ABOUT XI'AN

Xi'an was once the country's capital, one of the richest and best-protected cities in China. Historically known as Chang'an (eternal peace), Xi'an was home to the ruling house of 13 dynasties. The historical spots here are undoubtedly the No.1 tourist attraction and one of the must-see historical attractions in China.

XI'AN JIAOTONG UNIVERSITY

XJTU is a comprehensive university with a focus on science and engineering. We are top-ranked in terms of the number of national science and technology awards received.

WHY XJTU INTERNATIONAL SUMMER SCHOOL?

- Over 120 years of tradition
- 200+ QS world university ranking and No.1 in north-west China
- Taste rich Chinese culture
- Make a lifelong friendship
- Learn some basic Chinese with your Chinese buddy

MORE INFO ABOUT XJTU

is available on our website:
Welcome to Xi'an Jiaotong University! (xjtu.edu.cn)
contact us at:
studyabroad@xjtu.edu.cn

RESEARCH THEMES FOR YOUR CHOICE

School of Electrical Engineering

- Artificial Intelligence in Power Systems
- Development and application of ultraviolet photoelectron spectroscopy system
- Development and application of Inverse photoemission spectroscopy system

School of Materials Science and Engineering

- 3D printing of advanced alloys
- Advanced Electrode Catalyst Materials and Optimization
- Elevation of mechanical properties via machine learning

School of Mechanical Engineering

- In-Situ Monitoring of Additive Manufacturing (DED, SLM, WAAM)
- Wearable health monitoring
- Heat transfer and fluids on micro/nano structures

School of Energy and Power Engineering

- Quantitative Analysis of the Full-Nuclide-Composition Fine Evolution Process for PWR Nuclear Fuel

Faculty of Electronic and Information Engineering

- Reconfigurable Intelligent Surface (RIS) Enabled 6G Communications
- Wireless multipath-based simultaneous localization and mapping; Integration of communication and sensing; Semantic communications
- Whispering gallery mode resonator based on PIN-PMN-PT single crystals

And many more!

SCHOLARSHIP AVAILABLE

Eligible international students may be awarded a full scholarship (covers tuition and accommodation; travel expenses excluded).