

International Doctoral Innovation Centre (IDIC)

**Fully-funded PhD positions at The University
of Nottingham's UK and China Campuses.**

A unique and exciting opportunity to perform multidisciplinary research into tackling technological and societal challenges at a world-leading international research institute.

The IDIC is targeting two research strands with global impact – Digital Economy and Energy. It is offering 100 fully-funded PhD scholarships for its intensive four-year training programme, with one year spent in the UK and three years in China.

www.idic.nottingham.edu.cn



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA



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In 2013 we are recruiting up to 22 fresh talents in the Digital Economy strand and 24 in the Energy strand to become part of a new generation of multidisciplinary researchers who will be future technological experts and business leaders in the energy and digital economy sectors.

Students will be based at The University of Nottingham, UK (UNUK) for their first year and then will transfer to The University of Nottingham Ningbo China (UNNC). Each student will be supervised by a team of academics from both the UNUK and UNNC.

Digital Economy

This strand focuses on areas of digital technology and its applications to develop solutions to real-life problems in the digital economy. Working closely with the Horizon research institute, the strand engages in multidisciplinary research, creating new ubiquitous digital technologies and solutions addressing challenges in interactive media, smart city, healthcare informatics, transport, logistics and the environment.

Energy

This strand addresses topics such as advanced combustion and gasification leading to cleaner power generation, coal-to-liquid transport fuels (petrol, diesel and higher fuel alcohols),

non-conventional hydrocarbons, such as shale gas, the whole spectrum of carbon capture technologies covering integrated multi-pollutant control, and enhanced oil/gas extraction technologies.

In return, we offer:

- a tuition fee waiver
- a stipend of £800 per month while in the UK for the first year
- ¥3,000-¥5,000 per month stipend, plus free single-room accommodation for years two to four while at UNNC, and one return flight between China and the UK
- a personalised pathway through the programme
- training in innovation and ingenuity together with individually tailored careers guidance to equip students for careers in industry
- a three-month internship with a company in China
- regular meetings with industry representatives to develop contacts with employers
- supervision from international leaders in the associated disciplines from UNUK and UNNC
- state-of-the-art facilities including positioning and sensing testbeds, high performance computing and transport simulators

Entry requirements

While we are interested in ambitious and talented students from backgrounds including computer science, engineering, mathematics, natural sciences and human factors, we equally welcome applications from outstanding students from a psychology, business, economics, geography or social science background.

An excellent first degree is essential and a postgraduate masters qualification or equivalent is preferable.

Applicants must have achieved a minimum English language qualification of IELTS 6.5 (with no element less than 6.0) or TOEFL iBT 88 (with no element less than 19), and be able to evidence the potential to conduct world-class interdisciplinary research.

To apply:

Please send an email to phdadmissions@nottingham.edu.cn, including:

- your CV
- your choice of IDIC strand (Digital Economy or Energy)
- statement of research interests
- transcripts of your degrees
- English proficiency report (if any)

Application deadlines:

28 February (round one) and 26 April (round two)

Find out more:

www.idic.nottingham.edu.cn