Centre for Doctoral Training: Future Mobility Technologies

Mobility systems are rapidly evolving, driven by technological advances, social trends and economic models. Both public and private agencies have a pivotal role to play in shaping these changes and this new cohort focused centre, with direct industrial involvement, responds to these emerging sectorial skills needs.

The CDT will develop multidisciplinary future research leaders with the creativity, skills and in-depth knowledge to transform the mobility of people and goods for the benefit of UK society and industry in an electrically intensive energy future.

The future of mobility is changing – get on board!

About the Centre

Applicants can choose from 2 streams:

Stream 1: Wide Bandgap Power Electronics
Focuses on the underpinning technologies for mobility applications and their connectivity to electrical power grids and networks through the emerging UK industry in Wide Bandgap Power Electronics. Please visit the Power Electronics Applications and Technology in Energy Research (PEATER) Group webpage for more specific information on research areas.

Stream 2: Connected and Autonomous Vehicles
Focuses on the deployment of advances in Connected and Autonomous vehicles to address a variety of national needs such as improving safety, energy efficiency, comfort and convenience. For more specific information about the areas of interest, please visit our Intelligent Vehicle Research webpage.

The university will deliver interdisciplinary training with students selecting modules from the Engineering and Manufacturing MSc programmes as well as bespoke modules research skills, business, ethics, social responsibility and policy.

The programme is structured to deliver cohort-based training, offering significant student benefits by promoting cross-disciplinary interactions and creating a stimulating and supportive network.

The programme is designed to exploit the first-class research expertise and facilities of the School of Engineering and WMG, with extensive direct industrial input and training delivery embedded throughout.

See course structure here.
Entry Requirements
Minimum 2.1 in any discipline OR 2.2. at undergraduate level with an MSc in relevant subject area
Band A course English Language requirements, see:
https://warwick.ac.uk/study/postgraduate/apply/english

Fees
Up to 10 Home/EU (PhD/EngD) studentships available for October 2020 entry, a full award will cover:

- **100% tuition fees** for 4 years
- **Enhanced Stipend** – £19,000 (tax free) per annum

Subject to availability, full or partial funding may be available for international students.

How to apply
Complete a [stage 1 expression of interest application](https://warwick.ac.uk/study/postgraduate/apply/english)

Closing date: 29th February 2020.

Shortlisting and interviews will take place during Spring 2020 and selected candidates will be invited to submit a full stage 2 application.

If you have any questions in the meantime, please contact Faye Padfield, CDT Administrator at [FMTCDT@Warwick.ac.uk](mailto:FMTCDT@Warwick.ac.uk)