



**UNIVERSITY OF LEEDS**

## **CANDIDATE BRIEF**

**Research Fellow in Legal Issues and Qualitative Analysis of Highly Automated Vehicles, Faculty of Environment**



**Salary: Grade 7 (£33,199 – £39,609 p.a. pro rata)**

**Reference: ENVTR1095**

**Closing date: 17 June 2019**

**Fixed term until 31 December 2019**

**Part time: 80% of full time equivalent**

**We will consider job share/flexible working arrangements**

# Research Fellow in Legal Issues and Qualitative Analysis of Highly Automated Vehicles

## Institute for Transport Studies, Faculty of Environment

Are you an ambitious researcher looking for your next challenge? Do you have a background in legal issues of autonomous driving and qualitative analysis of user acceptance of automated vehicles? Do you want to further your career in one of the UK's leading research intensive Universities?

Based in the Institute for Transport Studies, you will primarily contribute to the Horizon 2020 funded AUTOPILOT project which is one of the European Commission's Large Scale Pilots (LSPs), specifically in autonomous vehicle in a connected environment. The €25M pilot project is expected to increase safety, provide more comfort and create many new business opportunities for autonomous driving and mobility services. AUTOPILOT tests various use cases involving autonomous driving vehicles, such as automated parking, urban driving, highway platooning, and real-time car sharing in five sites in Finland, France, Netherlands, Italy and Spain. These pilots are generating an enormous amount of real-world data from various sources such as the vehicle, roadside sensors, driver and other road users. The Leeds team is part of the project's evaluation to use these datasets to study the impacts of autonomous driving on technology development, business exploitation, quality of life, user acceptance and legal issues.

You will work with and in support of Dr Chen's research to ensure project tasks are successfully completed. Primarily you will be working on the AUTOPILOT project.

## What does the role entail?

As Research Fellow, your main duties will include:

- Working with and in support of Dr Chen's research to ensure the AUTOPILOT project is successfully completed. you may also support other projects as and when required;
- Generating and pursuing original research ideas in qualitative analysis of autonomous driving in the context of regulations, data privacy and protection, cybersecurity;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including, where appropriate preparing proposals for funding in collaboration with colleagues;



- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;
- Preparing papers for publication in leading international journals and disseminating research results through other recognised forms of output;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;
- Maintaining your own continuing professional development and acting as a mentor to less experienced colleagues as appropriate;
- Contributing to the training of both undergraduate and postgraduate students, where appropriate, including assisting with the supervision of projects in areas relevant to the project.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

## What will you bring to the role?

As a Research Fellow you will have:

- A Bachelor Degree in Laws;
- Either a postgraduate degree in Cyberlaw or a PhD in a closely allied discipline;
- Experience regarding motor vehicle accident litigation;
- Experience in H2020 projects relevant to autonomous vehicles, Internet of Things (IoT), or field operational tests;
- A good knowledge of the legal issues of autonomous driving involving IoT devices;
- A strong background in qualitative data analysis tools such as NVivo;
- A good knowledge of the attitudinal surveys of user acceptance of autonomous vehicles;
- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Proven ability to manage competing demands effectively, responsibly and without close support;
- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure.



You may also have:

- Experience in AUTOPILOT;
- Teaching experience in Cyberlaw at undergraduate level;
- Training of junior members of staff.

## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information. Applications should be submitted by 23.59 (UK time) on the advertised closing date.

## Contact information

To explore the post further or for any queries you may have, please contact:

[Dr Haibo Chen, Principal Research Fellow](#)

Tel: +44 (0)113 343 5355

Email: [H.Chen@its.leeds.ac.uk](mailto:H.Chen@its.leeds.ac.uk)

## Additional information

Find out more about the [Faculty](#)

Find out more about our [Institute](#)

Find out more about our [Research and associated facilities](#)

Find out more about Athena Swan in the [Faculty](#)

## A diverse workforce

The Faculty of Environment has been awarded the Athena SWAN bronze award for our work on advancing gender equality across the three schools. The Athena SWAN charter and awards seek to identify, promote and share good practice in advancing equality across genders in academia. This means analysing the journey from undergraduate applications through postgraduate study right up to the recruitment and retention of professorial staff and identifying how to improve.



## **Working at Leeds**

You can find out more about our generous benefits package and more about what it is like to work at the University and live in the Leeds area in our [Working at Leeds](#) information.

## **Candidates with disabilities**

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information or by getting in touch with us at [disclosure@leeds.ac.uk](mailto:disclosure@leeds.ac.uk).

## **Criminal record information**

### **Rehabilitation of Offenders Act 1974**

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records information](#).

