

H-CSRC – HUJI Cyber Security Research Center – Cyber Law Program

Cyber Threats to 'Smart Cars' – The Legal Response **Call for Applications**

The HUJI Cyber Security Research Center is seeking a doctoral/post-doctoral student to work on topics related to Cyber Threats to 'Smart and autonomous Cars'.

The mission of the HUJI Cyber Security Research Center is to advance both basic and applied research and to develop advanced technologies in order to improve cyber security. The Cyber Law program aims to advance research regarding regulations used to protect cyber space and activities within it against misuse and abuse, and to fight cyber-crime and cyber-attacks while focusing on the following areas: international law, human rights, law and technology, and criminology.

Cyber Threats to 'Smart Cars' – The Legal Response Research Project seeks to illuminate and deal with the complex issues of cyber-attacks on 'smart vehicles', from different perspectives under the research paradigm of law and technology and through various tools. The first part will focus on describing the challenges posed by the technology of 'smart vehicles' to policy makers around the world. The second part will examine the current legislation and regulation on this subject in the world, headed by the American and European legislature. Furthermore, it will examine the legislation and regulation regarding 'smart vehicles' in Israel. This examination will show that the regulation and legislation of 'smart vehicles' are divided into two main categories: those that try to prevent vulnerability in the system at the production stage, and those who try to deter and punish those who commit an offense. The research project will focus, *inter alia*, on the role private actors, such as insurance companies, car manufacturers and dealers and mechanical and technological service providers, can play in regulating and enforcing regulation in the field.

The current call for applications is for a fellowship working on topics that fall under this area.

The research program will be led by Prof. Yuval Shany and Dr. Haim Wismonskey, and the Fellow will work under their guidance.

This project is part of an international collaboration of the Cyber Law program with the Israel Insurance Association (R.A). In addition to conducting research, the Fellow will also participate in project activities and the preparation of grant applications for further work in this area.

The Fellowship benefits include:

- A full-time monthly stipend of 7,000 NIS awarded for a period of 12 months.
- The Fellow will be based at HUJI and participate in all the H-CSRC activities.



Fellowship application requirements:

- The Fellowship is open to doctoral and post-doctoral student
- The fellow will be required to submit to the center's management bi-annual scientific reports regarding the advancement of the research and a final scientific report at the completion of the research.

Applications should include:

- Research proposal (up to 5 pp., double space) setting out the applicant's interest and relevant background for work on the project subject area;
- Curriculum vitae, including publications;
- Description of the anticipated contribution to the professional development of the candidate;
- Two recommendation letters (including one from the applicant's doctoral supervisor).

The applications will be submitted by July 1st in English in one file via email to Dr. Tamar Berenblum at tamar.berenblum@mail.huji.ac.il.