

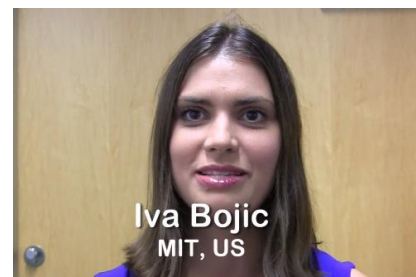
# Iva Bojic's report for AMAC-UK award

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Iva Bojic is a computer scientist with a research emphasis in telecommunications and urban studies. Her doctoral thesis for the University of Zagreb Faculty of Electrical Engineering and Computing on "Self-organizing Synchronization in Machine-to-Machine Communication Systems" was awarded the Silver Plaque Josip Loncar – the Dean's award for outstanding doctoral dissertation and particularly successful scientific research. Moreover, in 2012 she received the "Google Anita Borg" award from Google for strength of academic performance, leadership experience and demonstrated passion for computer science. The same year she was also awarded the "Richard E. Merwin" award by the IEEE organization for demonstrating outstanding involvement in IEEE and excellence in academic achievement. Iva Bojic is continuing her post-doctoral research at the Senseable City Lab, as part of the 2014 Fulbright Visiting Scholar Program.

In 2014 Iva Bojic won AMAC-UK travel grant to visit prof. Jeremy Pitt from School of Imperial College London, Faculty of Engineering, Department of Electrical and Electronic Engineering, London, UK. The visit took place in September 2014 where Iva Bojic stayed for eight days. During that time she presented her work at SASO conference (<http://focas.eu/focas-workshop-saso-2014>) and served as a poster chair at the same conference.



Additionally, she gave an interview that is available at <http://focas.eu/iva-bojic-interview>.

During her visit she talked with prof. Jeremy Pitt about her project. Since in the meantime she became a postdoctoral fellow at MIT, she started working in the area of smart cities meaning that results of her research project will be applied in that area. Namely, liability in digital world where no human can be held responsible for a job done by machines is a very hot topic. Very recently her lab organized a very well-known conference on smart cities called The Road Ahead (<http://senseable.mit.edu/roadahead>) where the main theme was the future of transportation. Among other open issues, one very important one is an issue of liability in a case of self-driving cars.

The concept of legal personhood is less about what is or is not a flesh-and-blood person and who/what is or is not able to be hauled into court. Lawyer John Frank Weaver, author of the book *Robots Are People Too*, recently said "If we are dealing with robots like they are real people, the law should recognize that those interactions are like our interactions with real people. In some cases, that will require recognizing that the robots are insurable entities like real people or corporations and that a robot's liability is self-contained." This is indeed an interesting and very novel area where people with different backgrounds will have to contribute.

To conclude, in addition to the opportunity to meet with prof. Jeremy Pitt in person and discuss the project, the AMAC-UK award helped Iva Bojic to attend a conference, present her previous work, serve as a poster chair and finally to give an interview. The whole project has just started and still a lot of effort has to be made in order to get the first results. However, this visit was important first step and it would not be possible without this award.