



DIPARTIMENTO DI INGEGNERIA
INDUSTRIALE E DELL'INFORMAZIONE

UNIVERSITÀ DEGLI STUDI DI PAVIA



Master in Design and Development of Vehicle Dynamics

Seminar

Autonomous Vehicles and Regulation: a difficult relationship?

Barbara Bottalico

Monday 27 March 2017, h 14:00-17:30

Palazzo Vistarino, Pavia, via Sant'Ennodio 26, first floor

Abstract

It is predicted that autonomous driving will be gradually developed and introduced into society. The US-based Society for Automotive Engineering (SAE) has developed a "Taxonomy and Definitions for Terms Related to On-Road Motor Vehicle Automated Driving Systems" which is becoming widely adopted in literature, and also by European Union policy makers as a de facto categorization of selfdriving cars. International regulations, such as the 1949 Geneva convention of Road Traffic (for United States) and the 1968 Vienna convention on Road Traffic (for European countries) has till now promoted road safety by establishing uniform rules. However, new regulations have been approved in the USA in order to regulate the testing of autonomous vehicles (an interesting example is: California SB-1298 Vehicles – autonomous vehicles: safety and performance requirements, 2012) and others are probably going to be approved by European Parliaments. Among the main issues that the law is posing we will address:

- Liability in case of damages (to other vehicles or people)
- Data Protection and Cyber Security
- Ethical Issues

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Profile: Post-Doc Fellow in Law, Center for Health Technologies & Center for Law, Science and New Technologies, University of Pavia (Italy). Contract Professor in Ethics and Life Science, Faculty of Medicine, University of Pavia (Italy). Lawyer, Milan Bar Association.

Organizer

Prof. Carlo E. Rottenbacher (Coordinator of the Programme)

Seminar in English.

Free attendance.

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