



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Computer Science Seminar

,The Wolfson Auditorium Building
on Thursday, Nov 08, 2018
at 11:30

WOLFSON AUDITORIUM

Shai Shalev-Shwartz
HUJI

Formalizing the "Duty of Care" for self-driving cars

Abstract:

The "Duty of Care" is a legal obligation requiring one to adhere to a standard of reasonable care while performing acts that could harm others. We propose a formal, mathematical interpretation of the duty of care in the context of "being cautious while driving". The framework enables tackling moral questions in a formal way and is an example of a new research field which we call regulatory science.

Joint work with Shaked Shammah and Amnon Shashua.