Autonomous, Connected and Networked Vehicles

Carleton's Excellence, Leadership, and Innovation

Canada's Capital University

Carleton UNIVERSITY

Canada's Capital University

17 professors:

- 3 Computer Science, 1 Electronics, 9 Mechanical and Aerospace Engineering, 4 Systems and Computer Engineering

LABS

- UAVs and Micro Aerial Vehicles
- JY Wong Lab for Terrestrial and Extraterrestrial Mobility, Guidance and Control
- Microelectronics Fabrication Facility
- Spacecraft Robotics and Control Laboratory
- Advanced Biomechatronics and Locomotion Laboratory
- Autonomous Space Robotics and Mechatronics Laboratory

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- Machine Learning
- Real-Time Operating Systems
- Adaptive and Learning Systems
- Intelligent Transportation Systems

25 professors

- 3 Civil Engineering, 5 Computer Science, 2 Electronics, 1 Arts and Social Sciences, 3 Mechanical and Aerospace Engineering, 12 Systems and Computer Engineering

LABS

- The Software Quality Engineering Laboratory (SQUALL)
- The Real Time and Distributed Systems (RADS) Lab
- The Network Management and Artificial Intelligence Lab
- The Integrated Systems Inc (ISI) Laboratory

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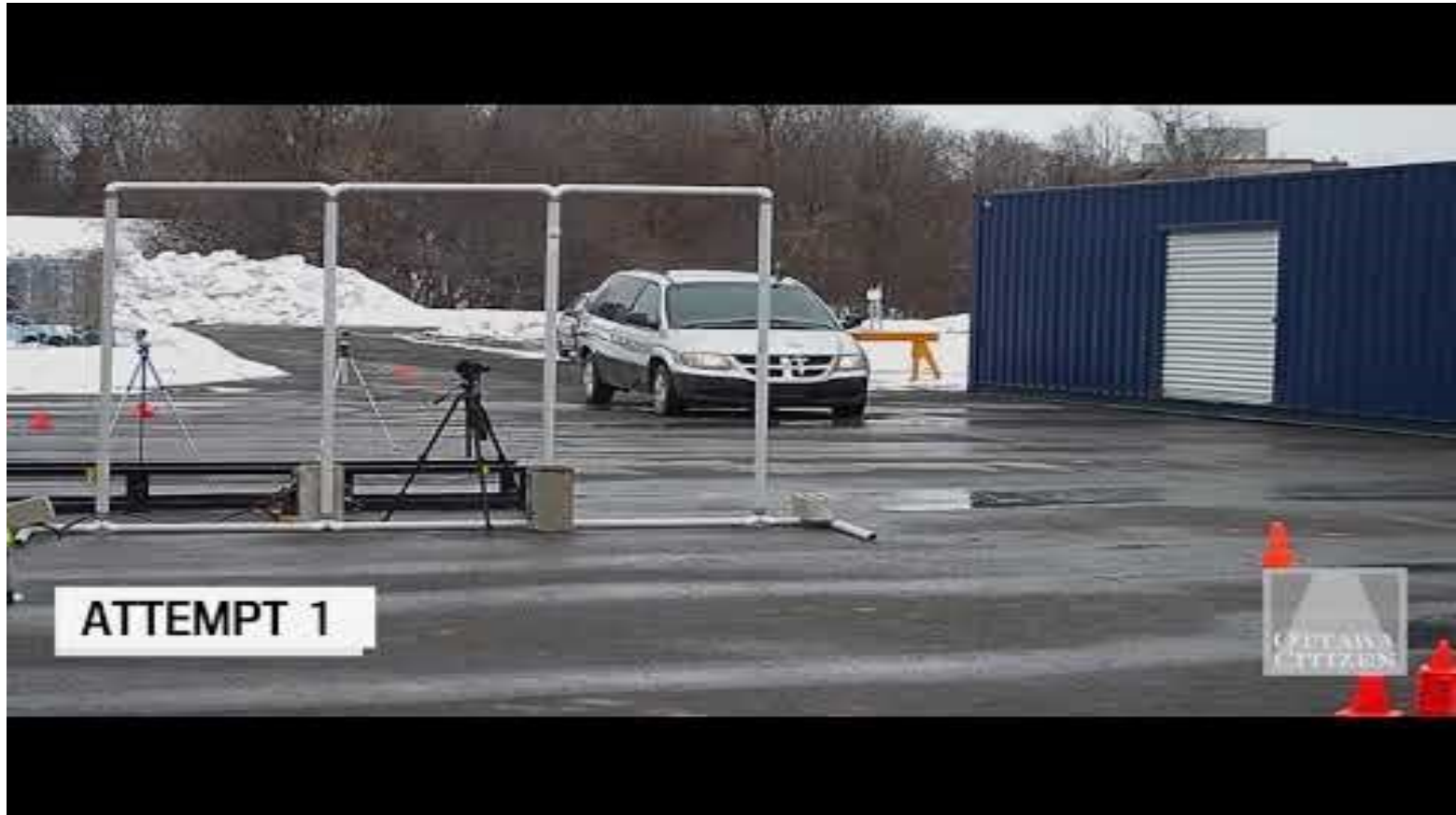

26 professors

- 11 Systems and Computer Engineering, 7 Electronics, 1 Mechanical and Aerospace Engineering, 2 Computer Science, 2 Information Technology

LABS

- Embedded Multi-Sensor Systems (EMS) Lab
- Photonics and Sensor Lab
- Silicon Micro/Nano Photonics Lab
- Carleton University Biomedical Engineering (CUBE) Research Laboratory

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Carleton UNIVERSITY

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Communications, Networks and Systems

22 professors

- 11 Systems and Computer Engineering
- 7 Electronics
- 2 Computer Science
- 2 Information Technology

LABS

- Mobile Computing Laboratory
- Microwave and Electromagnetics Laboratory
- Radio Communications Laboratory

15 professors

- 5 Computer Science, 1 Information Technology, 9 Systems and Computer Engineering

LABS

- Carleton Computer Security Lab

- Carleton's Human Oriented Research in Usable Security (CHORUS) lab

- Sensor Systems and Internet of Things Lab

Human cognition & visualization, modelling and simulation

carleton.ca/auto

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