



Uni(We)Lab

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# Self-driving Vehicles A Post-car City?

**13 // DECEMBER // 2023**

Technological innovations in the transport sector when accompanied by cultural and socio-economic changes lead to new mobility scenarios. The influence that self-driving vehicles will have on urban transport is seen as an accelerator towards sustainable mobility. It is precisely the Connected and Autonomous Vehicles that outline the conditions for the development of new businesses for transport services. Connectivity between several vehicles is the next step to be investigated for the realisation of a new infrastructure system within the city: safer and more sustainable. This opens up a social challenge aimed at a cultural and proactive change of the user towards the new services offered. If the widespread introduction of these technologies is able to increase accessibility on a large scale to all transport systems, then what will be the future of the private car on which our cities are designed?

**THE LECTURE WILL START AT 12.00 PM  
IN THE B11 ROOM, VIA OPERA PIA 15, GENOA**



**h/12.00**

**OPENING**  
**Light Lunch**

**h/12.30**

**INTRODUCTION**

**Rodolfo Repetto, Enrico Simetti,  
Ilaria Delponte - University of  
Genoa**

The coordinators of the Civil Engineering and Robotics Engineering courses start the lecture. Ilaria Delponte introduces the Lecture and the Speakers.

**h/12.45**

**WEBUILD VOICE**  
**Cordoni Nicola - Webuild Spa**

Webuild participated in the Hyperloop study project. How will superfast maglev trains revolutionise international passenger and freight transport?

**h/13.15**

**LECTURE**  
**Pieliugi Coppola, Fulvio Silvestri -  
Politecnico of Milan**

The Post-car City is a new vision of the city transformed by the introduction of Self-driving Vehicles on a large scale. How will the infrastructure evolve to accommodate a swarm of vehicles capable of communicating with each other? Exporting the Internet of Things on an urban scale where the variables are incalculable?

**h/14.30**

**CLOSING**  
**Coffee Party**

