Driverless car: first-ever road test in real traffic conditions in Parma
12 July 2013

Italian researcher Alberto Broggi today tests his driverless car in real conditions on the roads of Parma, Italy. His vehicle prototype, named “BRAiVE”, will be fully autonomous to manage downtown traffic in rush hours as well as complex situations like tight roundabouts, traffic lights and pedestrian crossings. The vehicle is not remotely controlled but is equipped with low cost sensors integrated in the vehicle chassis, which can perceive the surrounding environment, with no human intervention. Prof. Broggi received a € 1.7 million Advanced grant of the European Research Council (ERC), which he uses for the equipment, man power and experiments of his prototype car. There are hopes that this technology can improve road safety in the future.

The vehicle will depart at 11:00am from the Parma University Campus and will arrive at 11:30am in Piazzale della Pace.

A press conference, followed by a round table, takes place at 12:00 (noon) at the Parma Chamber of Commerce, Via Verdi, 2.

For more information, click here.

Project details
Researcher: Prof. Alberto Broggi
Host institution: University of Parma - VisLab, Italy
Project title: Open intelligent systems for future autonomous vehicles (OFAV)
ERC call: Advanced Grant 2008
ERC funding: € 1.7 million for five years
Pictures of the “BRAiVE” vehicle are available here: http://vislab.it/photo-gallery

HD video: http://www.youtube.com/watch?v=7u_iRrUKBoo&feature=youtu.be

More videos are available here: www.vislab.it/video

Links:

Project website: http://vislab.it/automotive/

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http://erc.europa.eu

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