



UNIVERSITÀ DI PAVIA
Department of Electrical,
Computer and Biomedical
Engineering

PHD SCHOOL IN MICROELECTRONICS

Industrial Topics in Microelectronics – Seminars



Automotive design: case example LIDAR application

Dec 18th 2019, h 16.00, Magenta Seminar Room (D Floor)

Department of Electrical, Computer and Biomedical Engineering

Abstract: *introduction to AMS Company and to Pavia's Design Center. The seminar is divided into two parts: in the first part a presentation of automotive electronics and related project requirements is shown, while in the second part we will present as case study a LIDAR application, one of the 'hottest' automotive trends and give some deeper technical details about one of the key digital blocks.*

Speakers:

Marco Cerchi. From 2001 to 2004 Marco worked as analog design engineer in Mikron Italy. Since 2004 he has been working in AMS Italy as Senior Analog Design engineer. Since 2016 he is engineering manager at AMS Design Center in Pavia.

Vincenzo Ferragina. From 2003 to 2006 Vincenzo worked in Acco Semiconductors as Mixed Digital Design. In 2006 he joined SK Hynix where he focused on 3D flash memories. Since 2017 he is staff digital design engineer at AMS Design Center in Pavia.

Organizer

Prof. D. Manstretta

E-mail: daniilo.manstretta@unipv.it

PhD Coordinator

Prof. P. Malcovati