

“Industrial Topics in Microelectronics”

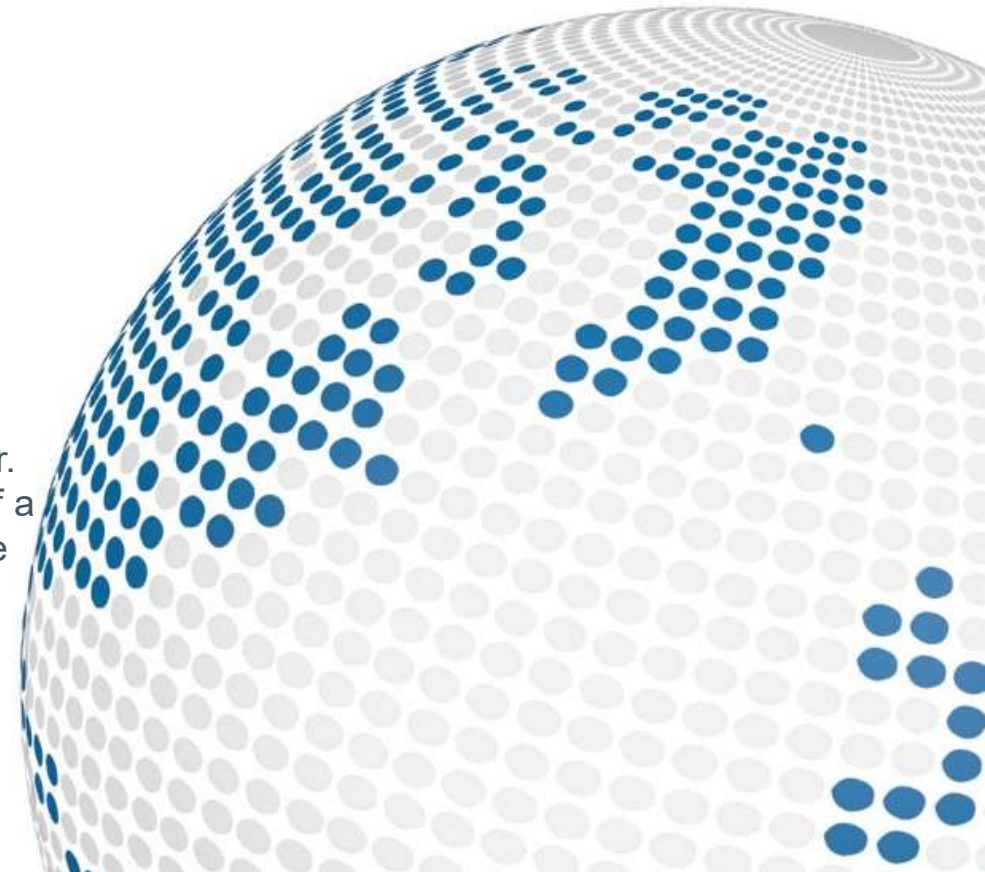
April 1st, 4-6PM, Seminar Room Magenta , floor D

AMS: Project flow description and digital design guidelines



Presenters: Marco Cerchi, Manager PAVIA Engineering
Simone Sabatelli, Staff Digital Design Engineer

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 a generic project flow is shown, while in the second part we will go more deeply into details concerning digital design flow and in general digital design activities throughout the different stages of the project.

Marco Cerchi
Simone Sabatelli



Presenters

Name	Photo	Education	Main work experiences
Marco Cerchi		Electronic Engineering Laurea Degree @ Pavia University	<p>2000-2001 Analog Designer @ ST-Microelectronics Main focuses: development of high-frequency sigma-delta D/A converters and PLLs</p> <p>2001-2004 Analog Designer @ MIKRON Italy Main focuses: development of battery charge solutions and sensor interface ASICs (inductive sensors, smoke detectors, touch-screens, bar-code readers)</p> <p>2004- 2016 Senior Designer @ AUSTRIAMICROSYSTEMS Italy (AMS Italy since 2012) Main focuses: development of SL LDOs, μProcessor supervisors and Hall effect magnetic position sensors</p> <p>2016- so far Engineering Manager Pavia @ AMS Italy</p>
Simone Sabatelli		Electronic Engineering PhD @ Pisa University	<p>2012-2013 System and Digital Designer @ Maxim Integrated Main focuses: development of sensor fusion algorithms for MEMS inertial sensors (gyroscopes and accelerometers), design and verification of digital IPs for MEMS sensors</p> <p>2014-2017 Digital Design Engineer @ AMS AG Main focuses: development of magnetic and inductive position sensors for automotive applications, digital design leader of several projects</p> <p>2017-so far Staff Digital Design Engineer @ AMS Italy</p>