



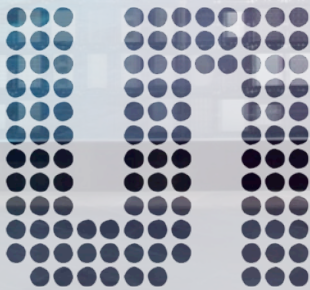
# “Industrial Topics in Microelectronics”

## Austria Micro Systems (AMS)

Monday May 9th, 4 PM, seminar room floor D.

**Presenters:** Marco Cerchi, Manager PAVIA Engineering  
Carlo Fiocchi, Principal Engineer

**Abstract:** a short introduction to AMS Company is performed, and, in particular, to PAVIA Design Center. A technical presentation of the current topic developed within Pavia engineering team is presented, by focusing on magnetic encoder position sensors families developed within AMS.



Marco Cerchi



Carlo Fiocchi

March 18<sup>th</sup> 2016

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# Presenters



Name	Photo	Education	Main work experiences
Carlo Fiocchi		<p>Electronic Engineering Laurea Degree @ Pavia University</p>	<p><b>1992-1998</b> Analog Designer @ ITALTEL  <b>Main focuses:</b> development of clock recovery/PLL and low-distortion T/H solutions  <b>2001-2004</b> Pavia DC Manager @ MIKRON Italy  <b>Main focuses:</b> development of battery charge solutions and sensor interface ASICs (inductive sensors, smoke detectors, touch-screens, bar-code readers)  <b>2004-so far</b> Principal Designer @ AUSTRIAMICROSYSTEMS Italy (AMS Italy since 2012)  <b>Main focuses:</b> development of SL LDOs, <math>\mu</math>Processor supervisors, DCDC converters and powermanagement in general.</p>
Marco Cerchi		<p>Electronic Engineering Laurea Degree @ Pavia University</p>	<p><b>2000-2001</b> Analog Designer @ ST-Microelectronics  <b>Main focuses:</b> development of high-frequency sigma-delta D/A converters and PLLs  <b>2001-2004</b> Analog Designer @ MIKRON Italy  <b>Main focuses:</b> development of battery charge solutions and sensor interface ASICs (inductive sensors, smoke detectors, touch-screens, bar-code readers)  <b>2004- 2016</b> Senior Designer @ AUSTRIAMICROSYSTEMS Italy (AMS Italy since 2012)  <b>Main focuses:</b> development of SL LDOs, <math>\mu</math>Processor supervisors and Hall effect magnetic position sensors  <b>2016- so far</b> Engineering Manager Pavia @ AMS Italy</p>