



Catena: Bluetooth Transceivers

Abstract:

This presentation will first introduce *Catena* corporation, a Dutch company with a strong experience in RF design which recently invested in Pavia area opening a new design center, with a particular focus on Pavia team history.

The second part of the seminar will be focused on Bluetooth Transceivers. Bluetooth applications range is very wide and consequently transceiver specifications can change based on the final market target (low-power vs high data-rate). An example of Bluetooth transceiver which is in development phase at Pavia design center will be presented.

Speaker:

Ugo Decanis graduated in Electronic Engineering from University of Pavia in 2008. In 2011 he received the Ph.D. in Microelectronics from the same university working on mm-Wave circuits for 60GHz applications. From 2011 to 2017 he joined Marvell Semiconductor working on RF circuits for cellular applications (2G, 3G, 4G standards) with a particular focus on LO generation and distribution. He moved to Catena in July 2017 where as a senior rf-analog design engineer he is working on Bluetooth transceivers.

The seminar will be **March 12th**, from **4 to 6 PM** in Aula seminari, floor D.

