



High Frequency Integrated Circuits for 5G and High Speed Optical Transmission

Mobile operators and Network carriers continue to face the bandwidth and capacity demand in their networks as the traffic and the number of users grow driven by data demanding applications like video streaming and proliferation of cloud computing, data centers and mobile data delivery. Being a telecom market leader, Huawei has to assess and master key technologies to keep his leading position and continuously offers to its customers the most suitable technical solutions.

This seminar will discuss 5G key requirements driving millimeter-wave technology, backhaul and access and main trends in optical systems. Then some practical examples of state-of-the-art integrated circuits developed at Huawei HiSilicon Research Center in Milan will be introduced and analyzed..

Speakers:

Federico Vecchi – Senior RFIC designer (Ph.D. at Univ. Pavia)

Paolo Rossi – Technical Leader Optical RFIC (Ph.D. at Univ. Pavia)

Maurizio Pagani – High Frequency IC Team Leader.

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

