



MAURO ETTORRE

From France to Sweden



Project: **Electromagnetics**

Research topic: **Engineering**

Swedish Institution: **KTH**

French Institution: **CNRS/ Rennes University**

Dates of mobility: **17/09/2018 to 21/09/2018**

Program: **SFVE-A (ex TOR)**



PRESENTATION

[Mauro Ettore](#) is Research Scientist at the [CNRS](#) (French National Center for Scientific Research) at [Rennes University](#). His research interests include fundamental electromagnetic theory, leaky-wave antennas, substrate integrated waveguide (SIW) structures, multi-beam focusing systems, planar imaging systems, reflectors, antennas and wireless components, microwave circuits, analytical electromagnetics, and wireless power transfer systems. He graduated 2008 with a PhD degree in Electromagnetics with a thesis entitled “Analysis and design of efficient planar leaky-wave antennas” at the [Università degli Studi di Siena](#).

ACTIVITIES IN SWEDEN

Mauro Ettore visited the [School of Electrical Engineering and Computer Science](#) at [KTH](#) where he met with [Oscar Quevedo-Tureul](#). He attended several presentations of Quevedo’s research group, dealing, among others, with bespoke lenses or with Glide-symmetric filters for Satellite and 5G Communications. They discussed the possibility of a visit of Oscar Quevedo in Rennes to discuss these topics of common interest.

He went moreover to Kista to visit [Huawei](#) where he met with Amal Harrabi and they initiated discussions for potential projects with his research group in France, [IETR](#). He visited moreover SAAB and met there with [Henrik Frid](#), where a presentation on current activities on antennas was given. A possibility to have joint PhDs with KTH on subject of interest for [SAAB](#) as well as collaborations in the frame of EU funded projects were mentioned.

Mauro Ettore visited moreover the facilities of the firm [Ericsson](#) in Stockholm and potential collaboration with the Swedish company and presented the activities of IETR, especially concerning 5G.

He met also with other researchers, including [Joachim Oberhammer](#), and exchanged ideas on antennas at Terahertz.