



European School of Antennas

Course announcement:

Time Domain Techniques

Sophia Antipolis, October 3-7, 2016

**Organizers: Jean-Lou Dubard - Robert Staraj
University Nice-Sophia Antipolis**

More informations at:

www.antennasvce.org



In the framework of the European School of Antennas, a course on "Time domain techniques" will be held at the Campus SophiaTech, University of Nice Sophia Antipolis, France, from October 3-7, 2016.



This one week course is a real opportunity to get an overview of a wide range of time domain techniques used for solving actual and future challenging electromagnetic problems. Basic knowledge's and state of the art given during the course will be helpful for PhD students or scientists implementing their own time domain simulation tools. The course is sponsored by CST which offers 2 grants covering the registration fee for 2 PhD students and fully supports the practical trainings. Then, for customers of CST commercial software's, the course will also provide additional theoretical guidelines allowing an optimal use of the vendor simulation tools. The course will be divided into academic lectures and practice as following:

- 4 mornings dedicated to 4h of academic lectures:

- FDTD (Finite Difference Time Domain) by Prof. R. Gillard from IETR-France
- FETD (Finite Element Time Domain) by Prof. S. Selleri from University of Florence-Italy
- FIT (Finite Integral Technique) by Prof. Ing. I. Munteanu from Technical University of Darmstadt & CST-Germany
- TLM (Transmission Line Matrix) by Prof. M. Ney from TELECOM Institute-France

- 4 afternoons dedicated to 4h of practical training on antenna examples with CST simulation tools : MICROWAVE STUDIO (FIT & TLM) by Ing. Hassan Chreim and C. Morin

The course addresses PhD students and scientists from academia and industry. The maximum number of participants is limited to 24. Registration fee for non-profit institutions is 440€ (880€ for scientist from industry) including course material, coffee breaks, lunches and a social dinner. Hotel and travel costs are not included.

For registration forms, information on grants, accommodation and any other course details please contact jean-lou.dubard@unice.fr