

SC 13 Mastering the small antennas challenge – a joint short course by then ESoA and the EurAAP WG on small antennas

Course Lecturers

Prof. Anja Skrivervik, EPFL LEMA Lousanne, Switzerland

Prof. Cyril Luxey, University of Nice – Sophia-Antipolis, France

Prof. Dirk Manteuffel, University of Kiel, Germany

Course Description

This course, jointly organized by lecturers of the European School of Antennas ESoA and the EurAAP working group on Small antennas, provides a compressed tutorial to master the small antennas challenge – from fundamentals to application and integration.

Topics include:

- Fundamental of Small Antennas
- Small antenna concepts
- Miniaturisation of antennas
- Small antenna measurements
- Integration of small antennas
- Applications

The course is dedicated for PhD Students and profesionas in the field

Biography

Dirk Manteuffel was born in Issum, Germany in 1970. He received the Dipl.-Ing. degree in electrical engineering from Duisburg University in 1998 and the Dr.-Ing. degree from the University of Duisburg-Essen in 2002. In 2004 he received the young scientist award of the Vodafone foundation for science for his research on the analysis and design of integrated mobile phone antennas with special emphasis on the interaction with the user.

From 1998 to 2009 he joint IMST in Germany. As a project manager he was responsible for industrial antenna development and advanced projects in the field of antennas and EM modeling.

From 2006 to 2008 he was a visiting professor at the University of Duisburg-Essen. Since 2009 he is a full professor for wireless communications and a director of the Institute of Electrical- and Information Engineering at the Christian-Albrechts-University of Kiel, Germany.

Since 2005 he is a member of the board of the ESoA – European School of Antennas. In 2009 he has been appointed to join the technical committee on antennas of the ITG - German Information Technology Society and since 2010 he is the vice chair of the EurAAP working group on Small Antennas.

Prof. Manteuffel is inventor of 6 national and international patents and author and co-author of more than 60 scientific publications including two books.