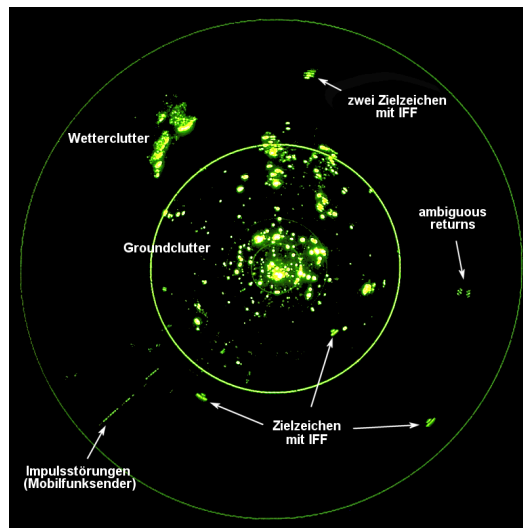


Invitation to an AES-CH Joint Lecture on

## Radar signal processing and Radar clutter models

Dr Maria Sabina Greco AESS Distinguished Lecturer  
Professor at the University of Pisa



**Date:** Thursday, 24th May 2018

**Time:** 17:30 – 18:45

**Location:** ETH Zürich Raum HG E 1.1

We have the pleasure to inform you that the IEEE - CH Aerospace & Electronic Systems succeeded in arranging a joint lecture in Zurich of **Dr Maria S. Greco**. Maria is Full Professor at the University of Pisa since Dec. 2016. She is IEEE fellow since Jan. 2011 and she was co-recipient of the 2001 and 2012 IEEE Aerospace and Electronic Systems Society's Barry Carlton Awards for Best Paper and recipient of the 2008 Fred Nathanson Young Engineer of the Year award for contributions to signal processing, estimation, and detection theory. She has been as well SP Distinguished Lecturer for the years 2014-2015, and now she's AESS Distinguished Lecturer for the years 2015-2018, member of the IEEE Fellow Committee and AESS VP Publications. Her general interests are in the areas of statistical signal processing, estimation and detection theory. In particular, her research interests include clutter models, coherent and incoherent detection in non-Gaussian clutter, CFAR techniques, radar waveform diversity and bistatic/multistatic active and passive radars, cognitive radars. She co-authored many book chapters and more than 190 journal and conference papers.

The lecture first introduces radar sea and ground clutter phenomena, measurements and measurement limitations, at high and low resolution, high and low grazing angles with particular attention to classical model for RCS prediction.

**We look forward to your participation. Guests are welcome.**

Luca Quiriconi  
Vice Chair AES  
IEEE Switzerland

Heinz Wipf  
Chair AES  
IEEE Switzerland

Richard Morva  
President  
AOC-CH