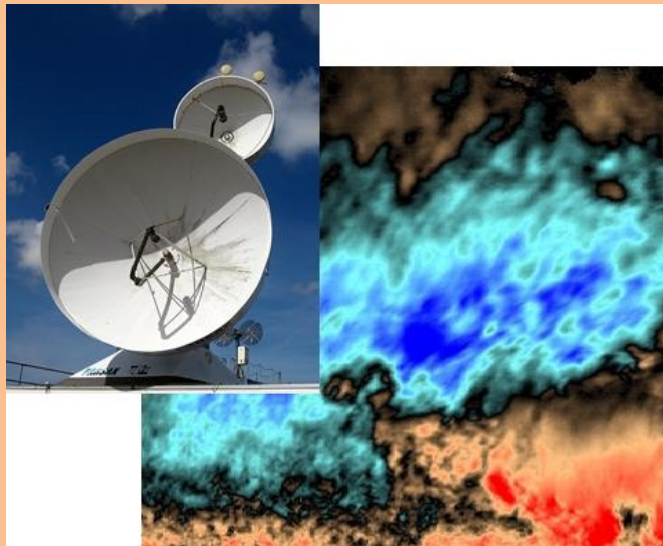


Open Seminar Series

Geoscience & Remote Sensing

The PARSAX radar as a platform for Atmospheric Remote Sensing

Oleg Krasnov
TU Delft, EWI
September 20, 2016
12:40-13:30
CiTG room F



The high-resolution polarimetric Doppler radar RARSAX is a flexible, multifunctional sensing system. It was developed and is operated by the Microwave Sensing, Signals and Systems (MS3) group at EEMSC TU Delft. One of the main goals of radar design was to create a radar to be able to provide high-performance data of atmospheric remote sensing, be a platform for the development and verification of novel sensing signals and their processing algorithms, to provide reliable remote sensing data for the characterisation of observation objects and their physical parameters retrieval. The brief system description will be given with examples of available data for atmospheric remote sensing.