



Announcement

2nd ECARS SUMMER SCHOOL Satellite Cal/Val Activities employing ground-based remote sensors

Location: Agios Nikolaos and Finokalia, Crete, Greece

Period: 3-12 April 2017

This is the 2nd summer school organized in the framework of the ECARS H2020-TWINNING project. The school will be held in Crete, at the atmospheric observatory of Finokalia and is clustered with the PRE-TECT experimental campaign that is organized in the framework of the ACTRIS RI. This experiment is considered as a first-class opportunity for PhD students and early career scientists to participate in a large-scale atmospheric cal/val exercise, focusing on the evaluation of aerosol and cloud satellite products employing ground-based and airborne sensors. During the summer school the students will be exposed on dedicated hands-on training activities. The young researchers will have the opportunity to participate in the campaign and its daily briefings, the instrument setup and data analysis as well as the data interpretation. They will also attend the following lectures:

Gerrit de Leeuw, Finnish Meteorological Institute, Finland (Gerrit.Leeuw@fmi.fi)

Aerosol climatic trends from CCI and the significance of validation.

Franco Marengo, Met Office, United Kingdom (franco.marengo@metoffice.gov.uk)

Aerosol and cloud observations by airborne lidar for satellite cal/val.

Matthias Tesche, University of Hertfordshire, United Kingdom (m.tesche@herts.ac.uk)

PM monitoring from space.

Anton Lopatin, Universite des Sciences et Technologies de Lille 1, France (anton.lopatin@univ-lille1.fr)

Inversion methods for atmospheric profiling of advanced aerosol properties.

Stelios Kazadzis, Physikalisch-Meteorologisches Observatorium Davos (stelios.kazadzis@pmodwrc.ch)

Aerosol optical depth ground-based sensors, homogenization activities between different networks.

Vassilis Amiridis, National Observatory of Athens, Greece (vamoir@noa.gr)

Ground-based validation of spaceborne lidar measurements.

There are no course fees, but availability of places is strictly limited.

Please send your application and requests for further information to Vassilis Amiridis (vamoir@noa.gr) and Dimitra Konsta (dkonsta@noa.gr)

Deadline for applications: (28 February 2017)

Details on travel and accommodation will be updated.