



SCIENTIFIC WORKSHOP

Hygroscopic Aerosols to Cloud Droplets (HygrA-CD)

13 MAY 2014 (11:00-13:15)

Venue: National Technical University of Athens, Physics Department (Room 027)

AGENDA

- 11:00 – 11:05 **Prof. Dr. A. PAPAYANNIS (NTUA)**, *Welcome*
- 11:05 – 11:15 **A. ARGYROULI (NTUA)**, *“HygrA-CD Campaign: “Scientific Objectives-Work Plan-Overview of Synergies between various instruments”*
- 11:15 – 11:35 **Dr. M. KOMPPULA (FMI)**, *“Aerosol research and lidar activities at the Finnish Meteorological Institute”*
- 11:35 – 11:45 **Dr. I. BINIETOGLOU (INOE2000)**, *“ITARS ER5 Contribution to HygrA-CD Campaign”*.
- 11:45 – 11:55 **L. LABZOVSKY (INOE2000)**, *“ITARS ESR1 Contribution to HygrA-CD Campaign: H₂O Raman lidar and Microwave radiometry measurements”*.
- 11:55 – 12:05 **R. BANKS (UPC)**, *“ITARS ESR13 Contribution to HygrA-CD Campaign: Retrieval of PBL height from in situ/lidar and model data”*.
- 12:05 -12:20 **Dr. P. KOKKALIS - Dr. G. TSAKNAKIS (NTUA)**, *“Aerosol Raman and Depolarization measurements during the HygrA-CD Campaign-2-year HYSPLIT back-trajectories analysis”*.
- 12:20 – 12:30 **Dr. A. BOUGIATIOTI (G-Tech)**, *“High resolution CCN measurements in the frame of the HygrA-CD Campaign”*
- 12:30 – 12:40 **Dr. E. ELEFThERIADIS - S. VRATOLIS (EKEFE)**, *“Measurements of aerosol physico-chemical properties at the EKEFE-ACTRIS-GAW DEM site – Contribution to the HygrA-CD Campaign”*

12:40 - 12:50 **Dr. S. SOLOMOS (NOA)**, "*Modeling the development of shallow convection. Aerosol effects and implications for the HygrA-CD campaign*"

12:50 – 13:00 **Dr. J. KALOGIROS (NOA)**: "*Precipitation measurements with X-band Polarimetric Radar*"

13:00 – 13:15 *Discussion-Conclusions*