



**REUNIÓN DE LA RED ESTRATÉGICA ACTRIS ESPAÑA
GRANADA 5-7 DE MAYO 2025**

**INSTITUTO INTERUNIVERSITARIO DE INVESTIGACIÓN DEL SISTEMA TIERRA EN
ANDALUCÍA (IISTA-CEAMA)**

LISTADO DE POSTERS

IISTA-CEAMA

- AP1-*"Extinction cross-sections and optical properties of single pollen grains under laboratory-controlled environment"*
- AP2-*"Presenting GRAINS: INP Spectrometer at the AGORA Observatory"*
- AP3-*"Trend Analysis of In-Situ and Column-Integrated Aerosol Properties in Spain"*
- AP4-*"Validation of EarthCARE Level 2 Aerosol and Cloud Products Using Ground-Based Observations from E-PROFILE and AERONET Networks"*
- AP5-*"Validation of Aerosol Optical Depth in a Protected High Mountain Area of Southern Europe Using Ground and Satellite Measurements"*
- AP6-*"Monitorización de la Calidad del aire en Granada"*
- AP24- *"Quality assurance of the new dual-frequency doppler cloud radar operating in the southern of the Iberian Peninsula"*

UPC

- AP7-*"Temperature stability requirements of free-running Nd:YAG laser for atmospheric temperature profiling through the rotational Raman technique"*
- AP8-*"Overlap-function Correction of Lidar-Derived Aerosol Optical Depth"*

AEMET-IZAÑA

- AP9-*"Day and night retrieval of vertical and columnar aerosol properties using GRASP with sun photometer and lidar measurements during an episode of Canadian wildfires smoke transported over the Atlantic" (Pablo González)*
- AP10-*"Climatology of Saharan Dust Events over the Subtropical North Atlantic with AERONET Photometric Observation" (Oscar Álvarez)*

CIEMAT

- AP11- *"Interaction of pollen-rich atmospheric layers and water vapour measured by fluorescence Raman lidar"*
- AP12-*"Influence of synoptic meteorological patterns on the boundary layer height over Madrid from 2020 to 2023 using ceilometer profiles"*
- AP13-*"The OASIS campaign: linking Volatile Organic Compounds and Nucleation events"*

CEAM

AP14-*“Analysis of the chemical composition resulting from rice straw burning” (Teresa Vera)*

Universidad de Miguel Hernández

AP15-*“OP attribution to PM2.5 sources in rural and urban background sites in Southeastern Spain*

AP16-*“Relationship between BC and EC concentrations measured in an urban background station. Influence of Saharan dust intrusions”*

IDAEA-CESIC

AP17-*“EGAR Air Quality Monitoring Network: evaluation of Urban and regional background”*

INTA

AP18-*“EarthCARE ATLID L2 products in comparison with ground-based observations at El Arenosillo station: Preliminary results on selected aerosol and cloud scenarios”*

AP19-*“Study of light scattering enhancement factor during an intensive campaign at El Arenosillo (Southwest Spain)”*

Universidad de Valencia

AP20-*“Analysis of the vertical profile of water vapor mixing ratio at Burjassot during WaLiNeAs campaign”*

AP21-*“Determination cloud cover and broadband components of solar radiation using an all-sky imager”*

Universidad de La Coruña

AP22-*“Evolution of eBC, UFP and other pollutants concentrations at the suburban-rural IUMA (NW Spain) station”.*

AP23-*“Comprehensive study of PM in northwest Spain: chemical composition, in-vitro bioaccessibility/bioavailability estimation, health risk assessment”.*

Universidad de Valladolid

AP25-*“Neural Network Model to Retrieve Solar Shortwave Irradiance from All-sky Camera Images”*

AP26- *“Evaluation of the impact of clouds on the retrieval of aerosol properties”*