

# THURSDAY

9:00	9:30	Van de Hulst Award 2025 - Andreas Macke: <i>The role of cloud microphysical versus cloud macrophysical variability in solar cloud radiative transfer - review and recommendations for future work</i>	
9:30	9:45	Van de Hulst Award 2025 - Akhlesh Lakhtakia	
9:45	10:00	Freimanis	Temperatures of dust grains in some circumstellar environments
10:00	10:15	García-Izquierdo	Effect of Surface Roughness and Composition on Scattered Light by Regolith Surfaces
10:15	10:30	Geffrin	Mueller parameters of non-homogeneous scatterers obtained from microwave analogy and additive manufacturing
10:30	10:45	Kildishev	Gauss-Debye relaxation and Gauss-Drude conductivity: the shortest-stencil time-domain approximants

11:15	11:45	Michael I. Mishchenko Medal 2025 - Olga Munoz : <i>The IAA Cosmic Dust Laboratory, 15 years studying scattering by non-spherical particles</i>	
11:45	12:00	Goody Award 2024 - Xi Chen: <i>Aerosol optical centroid height retrieval from hyperspectral measurements in oxygen absorption bands: perspectives from polar orbiting satellite to geostationary satellite constellation</i>	
12:00	12:15	Goody Award 2025 - Jianyu Zheng: <i>A combined retrieval of mid-visible and thermal infrared dust optical depth and coarse mode particle size from MODIS observation.</i>	
12:15	12:30	Waterman Award 2024 - Guanglang Xu: <i>Unveiling Hidden Characteristics of Scattering Phase Function: From Spherical to Complex Ice Crystals</i>	
12:30	12:45	Waterman Award 2025 - Jiachen Ding (presented by Feng Xu) : <i>Light scattering by two-layer spheroids: Separation of variable method in spheroidal coordinates</i>	
12:45	13:00	Litman	Extracting cross-sections from partially measured electromagnetic scattered fields of single particles

14:30	15:00	Poynting Award 2025 - Yung Yuk: <i>Decoding the Hazy Mysteries of the Cosmos: Aerosol Remote Sensing from Earth to Exoplanets</i>	
15:00	15:15	Surkov	Light scattering from clusters of helical particles
15:15	15:30	Auguie	Recent advances in UV-vis spectroscopy of turbid solutions
15:30	15:45	Triolo	Wavelength-dependent tuning of thermal and thermo-plasmonic response in aggregates of porphyrins
15:45	16:00	Yon Jerome	Structure factor of fractal aggregates based on pair correlation modeling : comparison with current modeling and impacts

16:30	17:00	Vincenzo Amendola	<i>Using the optical properties of plasmonic nanoalloys for the assessment and design of biodegradable nanomedicines</i>
17:00	17:15	Vasi	Hybrid Au-Metal Oxide Nanostructures for UV-SERS Sensing Applications
17:15	17:30	Nejjari	Evaluation of sensor perception in dusty media
17:30	17:45	Garcia-Valenzuela	Method and conditions to retrieve the refractive index of particles of arbitrary shapes and size distribution