MONDAY

08:45	09:00	Opening Ceremony	
9:00	9:30	Michael I. Mishchenko Medal 2023 - M. Pinar Mengüç : *Light, Heat, Particles, Plasmons, and Engineering*	
9:30	9:45	Ballington	Effects of Surface Roughness on Ice Particle Single Scattering
9:45	10:00	Baran	Are observed small, rounded ice particles important in a climate model?
10:00	10:15	Bi	An Accurate and Efficient Radar Observation Operator: ZJU-AERO
10:15	10:30	Ceolato	Backscattering by soot fractal aggregates: a model for lidar applications
10:30	10:45	Chen	Aerosol optical centroid height retrieval from hyperspectral measurements in oxygen absorption bands: perspectives from polar orbiting satellite to geostationary satellite

11:15	11:45	Matthew Berg	*Aerosol Characterization with Digital In-Line Holography*
11:45	12:00	Haarig	OLALA – Optical Lab for Lidar Applications
12:00	12:15	Hesse	Backscattering by Ice Crystals in Artificial Cirrus
12:15	12:30	Konoshonkin	ScIce: Light Scattering Database for Ice Crystals of Cirrus Clouds
12:30	12:45	Li Li	Radiometric calibration of FY-3E/MERSI-LL low-light band high-gain stage using Dome C
12:45	13:00	Gialitaki	Modelling of lidar-related dust properties during ASKOS campaign, using irregular hexahedral and spheroid shape mixtures

14:30	15:00	Evgenij Zubko	*What polarimetry may say about the microphysics of atmospheric aerosols*
15:00	15:15	Yang	A Vector Radiative Transfer Model for Atmospheric and Oceanic Polarimetric Remote sensing
15:15	15:30	Zhang	Light scattering and absorption by black carbon during atmospheric aging
15:30	15:45	Semwal	Laboratory Measurement of the Depolarization Ratio of Size Selected Salt Particles at 180° Scattering Angle
15:45	16:00	Qie	Simulation of the polarized reflectance at TOA over ocean for satellite in-flight polarimetric calibration

16:30	16:45	Tsekeri	Reproduce the backscatter of dust using realistic dust shapes
16:45	17:00	Wang	Analytical prediction of scattering properties of non-spherical dust particles with machine learning
17:00	17:15	Xu Feng	A Markov Chain Solution to Polarized Infrared Radiative Transfer in an Optically Anisotropic Media
17:15	17:30	Smith	Liquid Water Cloud Retrievals from HARP2 and AirHARP2 Measurements from the PACE-PAX Validation Campaign