

08:45	09:00	Opening Ceremony	
		Session I: Atmospheric particles I	
		Chair: Gorden Videen	
9:00	9:30	Michael I. Mishchenko Medal 2023 - M. Pinar Mengüç : <i>Light, Heat, Particles, Plasmons, and Engineering</i>	
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

		Session II: Atmospheric particles II	
		Chair: Karri Muinonen	
11:00	11:30	Matthew Berg	<i>Aerosol Characterization with Digital In-Line Holography</i>
11:30	11:45	Xi Chen	Analytical prediction of scattering properties of non-spherical dust particles with machine learning
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	Gialitaki	Modelling of lidar-related dust properties during ASKOS campaign, using irregular hexahedral and spheroid shape mixtures
12:30	12:45	Yang	A Vector Radiative Transfer Model for Atmospheric and Oceanic Polarimetric Remote sensing

		Session III: Polarimetry and atmospheric aerosols	
		Chair: Hanna Pentikainen	
14:30	15:00	Evgenij Zubko	<i>What polarimetry may say about the microphysics of atmospheric aerosols</i>
15:00	15:15	Zhang	Light scattering and absorption by black carbon during atmospheric aging
15:15	15:30	Semwal	Laboratory Measurement of the Depolarization Ratio of Size Selected Salt Particles at 180° Scattering Angle
15:30	15:45	Qie	Simulation of the polarized reflectance at TOA over ocean for satellite in-flight polarimetric calibration
15:45	16:00	Tsekeri	Reproduce the backscatter of dust using realistic dust shapes

		Session IV: Atmospheric particles III	
		Chair: Matthew Berg	
16:30	16:45	Xu Feng	A Markov Chain Solution to Polarized Infrared Radiative Transfer in an Optically Anisotropic Media
16:45	17:00	Martikainen	Effect of complex refractive index on the scattering matrix of dust aerosols with narrow particle size distributions
17:00	17:15	Konoshonkin	ScIce: Light Scattering Database for Ice Crystals of Cirrus Clouds