

FRIDAY

9:00	9:30	Giovanni Volpe	What can deep learning do for electromagnetic light scattering?
9:30	9:45	Furstenberg	Machine learning approaches for light scattering by non-spherical particles
9:45	10:00	O'Callaghan	Approaching the optical properties of irregularly shaped particles through numerical methods and simpler ensembles.
10:00	10:15	Nieminen	Simple scheme for design of 3D structured light
10:15	10:30	Chabrol	From the Lorenz-Mie theory in the near-field to the Fresnel Diffraction
10:30	10:45	Gogoi	Electromagnetic Scattering Characteristics of Titan's Tholins: Theoretical Simulation Based on Discrete Dipole Approximation

11:15	11:45	Luana Persano	Electrospun nonwoven mats and their interaction with light
11:45	12:00	Ferretti	Free-space whispering gallery mode microlasers as ultrasensitive label-free photonic sensors
12:00	12:15	Karamehmedović	Phase engineering for steerable photonic nanojets
12:15	12:30	Forstner	3D Anderson localization of light in disordered dielectric media
12:30	12:45	Lamberto	Perfect Absorption and Hermitian Subspaces
12:45	13:00	Lopushenko	Modeling scattering of polarization-entangled photons

14:30	15:00	Cesare Cecchi Pestellini	Amazing grains: the nature of interstellar dust as revealed by light scattering
15:00	15:15	Conclusions	

16:30	20:00	Excursion to Capo Milazzo	
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