

		Session XV: Photonics I Chair: Melissa Infusino	
9:00	9:30	Giovanni Volpe	What can deep learning do for electromagnetic light scattering?
9:30	9:45	Nieminen	Simple scheme for design of 3D structured light
9:45	10:00	Chabrol	From the Lorenz-Mie theory in the near-field to the Fresnel Diffraction
10:00	10:15	Grynko	3D Anderson localization of light in disordered dielectric media

		Session XVI: Photonics II Chair: Pablo Albella	
11:00	11:30	Vincenzo Amendola	<i>Using the optical properties of plasmonic nanoalloys for the assessment and design of biodegradable nanomedicines</i>
11:30	11:45	Vasi	Hybrid Au-Metal Oxide Nanostructures for UV-SERS Sensing Applications
11:45	12:00	Karamehmedović	Phase engineering for steerable photonic nanojets
12:00	12:15	Garcia- Valenzuela	Method and conditions to retrieve the refractive index of particles of arbitrary shapes and size distribution
12:15	12:30	Lopushenko	Modeling scattering of polarization-entangled photons
12:45	13:00	Napoli	Perfect Absorption and Hermitian Subspaces

16:30	20:00	Excursion to Capo Milazzo	
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