

**MC21 Optical Materials for Structured Light I**

Monday, 2 September, morning

Chair: Stefano Luigi Oscurato

Room:

Hours	ID	Name	Type	Title
10h30-11h00	13708	Emiliano Descrovi	Invited	Polarization-driven deformations in an azopolymer composites
11h00-11h15	13641	Alex Berdin	Oral	Pixelated holographic printing of light-reconfigurable diffractive optical elements on azobenzene materials
11h15-11h30	12961	Biagio Audia	Oral	Broadband vectorial interferometry: a new tool for complex and multi-scale material structuring
11h30-11h45	13369	Francesco Reda	Oral	Reprogrammable flat optics from maskless photo-morphing of azopolymers
11h45-12h00	13751	Marcella Salvatore	Oral	Enhancing modulation in Surface Relief Gratings: exploring limitations and alternatives
12h00-12h30	12880	David McGee	Invited	Photopatterned microstructures on azopolymer films via continuous film translation

MC21 Optical Materials for Structured Light II

Monday, 2 September, afternoon

Chair: Marco Piccardo

Room:

Hours	ID	Name	Type	Title
16h00-16h15	13638	Maria Oliveira	Oral	Robust monolithic meta-optics for high-power laser beam shaping from near-UV to near-IR
16h15-16h45	13875	Colm Delaney	Invited	Hierarchical ordering of nanomaterials for 4D photonic structures
16h45-17h15	13587	Diogo Aguiam	Invited	Considering process and material dependencies for robust multilevel diffractive flat optics
17h15-17h30	14736	Francesca Leone	Oral	Micro- and Nano-structured bio-inspired polymers for photonics applications
17h30-18h00	13131	Nicolò Maccaferri	Invited	Twisted plasmons in 3D: from particle trapping and beaming towards tailored chiro-optical and magnetoplasmonic effects



MC21 Optical Materials for Structured Light III

Tuesday, 3 September, morning

Chair: Jaana Vapaavouri

Room:

Hours	ID	Name	Type	Title
10h30-10h45	13761	Bereneice Sephton	Oral	Using light to correct light with nonlinear optics
10h45-11h15	13748	Vincenzo D'Ambrosio	Invited	Quantum information and sensing with structured light
11h15-11h45	13007	M. Lobet	Invited	Glimpse into near-zero refractive index photonics
11h45-12h00	14738	Pedro Silva	Oral	Dancing Artificial Muscles: enabling multidirectional bending in helically twisted polymeric fibers
12h00-12h30	13095	Mário Silveirinha	Invited	Chiral-Gain Photonics