

Preliminary program as of March 26th, 2025

Emerging Trends in Optics

Day 1

June 18th, 2025

8:30-9:00	Registration; coffee/tea with mini cakes	
9:00-9:20	Opening Ceremony (Dean Henrik Bindlev)	
9:20-10:00	Vlad Shalae	K: Extreme Space-Time Photonics
10:00-10:25	Andrei Lavrinenko	I: Nanostructured materials in sensing and nonlinear optics
10:25-10:50	Andrey Evlyukhin	I: From Plasmon Resonance to All-Dielectric Resonant Nanophotonics
10:50-11:20	Coffee break	
11:20-12:00	Sergei Turitsyn	K: Telecom technologies for optical computing
12:00-12:25	Jacek Fiutowski	I: Integrating Nanoscale Imaging and Manipulation: Enhancing Precision in Chemical Analysis
12:25-12:50	Søren Raza	I: Discovering new high-refractive-index materials
12:50-14:00	Lunch	
14:00-14:40	Brian Vohnsen	K: Understanding Photoreceptor Optics for Refractive Design and Solutions to Combat Myopia
14:40-15:05	Nicolas Leitherer-Stenger	I: TBA
15:05-15:30	Alex Huck	I: TBA
15:30-16:00	Coffee break	
16:00-16:40	Boris Chichkov	K: Laser Printing
16:40-17:05	Elizaveta Semenova	I: Efficient single-photon sources operating in the telecom C-Band
17:05-17:30	Radu Malureanu	I: Advances in metasurfaces on fiber tips
17:30-17:55	Danylo Komisar	I: Reimaging Raman Spectroscopy: Unexplored Applications of a Classic Phenomenon
17:55-18:20	Christopher Andrew Dirdal	I: TBA
18:30-21:00	Conference dinner	

K = Keynote talk, I = Invited talk

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Day 2

June 19th, 2025

8:30-9:00	Registration; coffee/tea with mini cakes	
9:00-9:40	N. Asger Mortensen	K: Mesoscopic electrodynamics, nonlocal response, and quantum corrections in surface-polariton systems
9:40-10:05	Christian Frydendahl	I: Nanophotonic applications of 2D materials
10:05-10:30	Sergejs Boroviks	I: Fantastic gold flakes and how to use them
10:30-10:55	Martin Thomaschewski	I: Ferroelectric nanophotonics: electro-optic active metasurfaces
10:55-11:20	Coffee break	
11:20-12:00	Mark Brongersma	K: Metamaterials for Imaging of Texture and Tissue
12:00-12:25	Thomas Møller Søndergaard	I: Photonic crystals and gratings for the THz range
12:25-12:50	Manohar Chirumamilla	I: Thermophotovoltaics: Fundamental Limits, Current Performance, and Future Possibilities
12:50-14:00	Lunch	
14:00-14:40	Alain Dereux	K: Optimization of the emissivity for radiative cooling devices
14:40-15:05	Fei Ding	I: TBA
15:05-15:30	Chao Meng	I: TBA
15:30-16:00	Coffee break	
16:00-16:40	Alexandra Boltasseva	K: Tailorable photonic materials: From tunable devices to new physics
16:40-17:05	Yinhui Kan	I: TBA
17:05-17:45	Sergey I. Bozhevolnyi	K: Standing on the shoulders of giants

K = Keynote talk, I = Invited talk