

Emerging Trends in Optics (Preliminary program)

CAMPUS HOUSE, Campusvej 1, Odense

Day 1, June 18th, 2025

8:30-9:30	Registration; coffee/tea with mini cakes	
9:30-9:50	Opening Ceremony (Dean Henrik Bindslev)	
Chair: Alexandra Boltasseva		
9:50-10:30	Vlad Shalaev	K: Extreme Space-Time Photonics
10:30-10:50	Andrei Lavrinenko	I: Nanostructured materials in sensing and nonlinear optics
10:50-11:10	Andrey Evlyukhin	I: From Plasmon Resonance to All-Dielectric Resonant Nanophotonics
11:10-11:40	Coffee break	
Chair: Vlad Shalaev		
11:40-12:20	Sergei Turitsyn	K: Telecom technologies for optical computing
12:20-12:40	Jacek Fiutowski	I: Integrating Nanoscale Imaging and Manipulation: Enhancing Precision in Chemical Analysis
12:40-13:00	Søren Raza	I: Discovering new high-refractive-index materials
13:00-14:00	Lunch	
Chair: Sergei Turitsyn		
14:00-14:40	Brian Vohnsen	K: Understanding Photoreceptor Optics for Refractive Design and Solutions to Combat Myopia
14:40-15:00	Nicolas Leitherer-Stenger	I: TBA
15:00-15:20	Alex Huck	I: TBA
15:20-15:50	Coffee break	
Chair: Brian Vohnsen		
15:50-16:30	Boris Chichkov	K: Laser Printing
16:30-16:50	Elizaveta Semenova	I: Efficient single-photon sources operating in the telecom C-Band
16:50-17:10	Radu Malureanu	I: Advances in metasurfaces on fiber tips
17:10-17:30	Danylo Komisar	I: Reimaging Raman Spectroscopy: Unexplored Applications of a Classic Phenomenon
17:30-17:50	Christopher Andrew Dirdal	I: TBA
18:00-21:00	Conference dinner at SDU Restaurant (near the main entrance to SDU)	

K = Keynote talk, I = Invited talk



Emerging Trends in Optics (Preliminary program)

CAMPUS HOUSE, Campusvej 1, Odense

Day 2, June 19th, 2025

8:30-9:00	Registration; coffee/tea with mini cakes	
Chair: Andrei Lavrinenko		
9:00-9:40	N. Asger Mortensen	K: Mesoscopic electrodynamics, nonlocal response, and quantum corrections in surface-polariton systems
9:40-10:00	Christian Frydendahl	I: Nanophotonic applications of 2D materials
10:00-10:20	Sergejs Boroviks	I: Fantastic gold flakes and how to use them
10:20-10:40	Martin Thomaschewski	I: Ferroelectric nanophotonics: electro-optic active metasurfaces
10:40-11:10	Coffee break	
Chair: Andrey Evlyukhin		
11:10-11:50	Mark Brongersma	K: Metamaterials for Imaging of Texture and Tissue
11:50-12:10	Thomas Møller Søndergaard	I: Photonic crystals and gratings for the THz range
12:10-12:30	Manohar Chirumamilla	I: Thermophotovoltaics: Fundamental Limits, Current Performance, and Future Possibilities
12:30-13:30	Lunch	
Chair: Mark Brongersma		
13:30-14:10	Alain Dereux	K: Optimization of the emissivity for radiative cooling devices
14:10-14:30	Fei Ding	I: TBA
14:30-14:50	Chao Meng	I: TBA
14:50-15:20	Coffee break	
Chair: Alain Dereux		
15:20-16:00	Alexandra Boltasseva	K: Tailorable photonic materials: From tunable devices to new physics
16:00-16:20	Yinhui Kan	I: TBA
16:20-17:00	Sergey I. Bozhevolnyi	K: Standing on the shoulders of giants

K = Keynote talk, I = Invited talk

