

FRONTIERS *of* PHOTONICS & SEMICONDUCTOR PHYSICS



CENTER
FOR PHYSICAL SCIENCES
AND TECHNOLOGY



2026
30 SEPTEMBER –
2 OCTOBER



VILNIUS
LITHUANIA

Tuesday (29th September)

9:00 - 9:30	Opening ceremony
9:30 - 11:00	V. Krozer (Photonic-electronic heterogeneous integration)
11:00 - 11:15	Coffee break
11:15 - 12:45	A. Lisauskas (High-frequency generation and detection in CMOS)
12:45 - 14:00	Lunch break
14:00 - 15:30	V. Zenin (Seeing light up close: Near-field Optical Microscopy)
15:30 - 15:45	Coffee break
15:45 - 17:15	A. Balčytis (PICs: Enabling a New Era of Photonics)
18:00 - 20:00	Social dinner

Wednesday (30th September)

09:00 - 9:45	Xi-C. Zhang (THz liquid photonics)
09:45 - 10:45	Group work
10:45 - 11:15	Coffee break
11:15 - 12:15	Semiconductor technologies
12:15 - 12:45	Group work
12:45 - 14:00	Lunch break
14:00 - 15:00	Light-emitting semiconductor technologies
15:00 - 15:30	Group work
15:30 - 16:00	Coffee break
16:00 - 17:30	Group work
17:30 - 18:30	Hands-on experiments
18:30 - 20:00	Poster and networking session

Thursday (1st October)

09:00 - 9:45	W. Padilla (DL-based Design of Artificial Electromagnetic Materials)
09:45 - 10:45	Group work
10:45 - 11:15	Coffee break
11:15 - 12:45	Group work
12:45 - 14:00	Lunch break
14:00 - 15:30	Industrial Applications
15:30 - 16:00	Coffee break
16:00 - 17:30	Space Applications
17:30 - 19:00	Excursion in Vilnius Oldtown
19:00 - 21:00	Networking dinner

Friday (2nd October)

09:00 - 9:45	T. Nagatsuma (THz Technologies for Wireless Communications)
09:45 - 10:45	Applications in Wireless Communication Systems
10:45 - 11:15	Coffee break
11:15 - 12:45	Integrated Photonics
12:45 - 14:15	Student presentation session and award ceremony
14:15 - 14:30	Coffee break
14:30 - 17:00	Industrial and cultural visits in Vilnius