

## 4th China-Europe Silicon Photonics Course (18-19 October 2022)

### DETAILED PROGRAM

Course Day 1: Tuesday 18 October		Course Day 2: Wednesday 19 October	
China Time	Finland Time	China Time	Finland Time
1:30 PM- 1:40 PM	8:30 AM - 8:40 AM	1:30 PM- 2:30 PM	8:30 AM - 9:30 AM
Welcome Prof. Roel Baets (Chair of ePIXfab) D. Timo Aalto (VTT) & Dr. Xiao Xi (NOEIC)		Thick SOI Platform Lecturer: Dr. Timo Aalto VTT	
1:40 PM- 3:00 PM	8:40 AM - 10:00 AM	2:30 PM- 3:30 PM	9:30 AM - 10:30 AM
Silicon photonics: Passive Devices Lecturer: Prof. Wim Bogaerts Ghent University - imec		Hybrid/Heterogenous Integration of non-III-Vs (LN and others) with Silicon Photonics Lecturer: Prof. Liu Liu Zhejiang University	
3:00 PM- 3:30 PM	10:00 AM - 10:30 AM	3:30 PM - 4:00 PM	10:30 AM - 11:00 AM
Coffee/Tea Break		Coffee/Tea Break	
3:30 PM- 5:00 PM	10:30 AM - 12:00 PM	4:00 PM- 5:00 PM	11:00 AM - 12:00 PM
Silicon Photonics: Modulators & Detectors Lecturer: Prof. Wim Bogaerts Ghent University - imec		SiN and other new silicon-based material platforms Lecturer: Dr. Gloria Micó Cabanes Universitat Politècnica de València	
5:00 PM- 6:00 PM	12:00 PM - 1:00 PM	5:00 PM- 6:00 PM	12:00 PM - 1:00 PM
Laser integration in Silicon Photonics Lecturer: Prof. Wim Bogaerts Ghent University - imec		High baud rate optical interconnect with ultrabroadband Thin Film Lithium Niobate Modulator Lecturer: Prof. Fan Zhang Peking University	
6:00 PM- 7:00 PM	1:00 PM - 2:00 PM	6:00 PM- 7:00 PM	1:00 PM - 2:00 PM
Break		Break	
7:00 PM- 8:00 PM	2:00 PM - 3:00 PM	7:00 PM- 8:00 PM	2:00 PM - 3:00 PM
Silicon Photonics Ecosystem Lecturer: Prof. Wim Bogaerts Ghent University - imec		Silicon-based optical phased array Lidar Lecturer: Prof. Jun Feng Song Jilin Univrersity	