

# 4th China-Europe Silicon Photonics Symposium (20 October 2022)

## DETAILED PROGRAM

China Time	Finland Time
1:00 PM- 1:10 PM	8:00 AM - 8:10 AM
Welcome Dr. Timo Aalto (VTT) & Dr. Xiao Xi (NOEIC)	
1:10 PM- 1:55 PM	8:10 AM - 8:55AM
Heterogeneous integration in silicon photonics Prof. Roel Baets Ghent University -imec	
1:55 PM - 2:40 PM	8:55 AM - 9:40 AM
Advances in Chip-Scale Light Field Manipulation Prof. Jian Wang Wuhan National Lab for Optoelectronics - HUST	
2:40 PM- 3:00 PM	9:40 AM - 10:00 AM
Break and sponsor videos	
3:00 PM - 3:30 PM	10:00 AM - 10:30 AM
SOI technology for datacenter interconnects and consumer sensing applications Dr. Corrado Sciancalepore SOITEC	
3:30 PM - 4:00 PM	10:30 AM - 11:00 AM
Production silicon photonics for large-scale optical computing applications Dr. Bo Peng Lightelligence	
4:00 PM- 4:30 PM	11:00 AM - 11:30 AM
Challenges and opportunities in quantum technologies for a low-loss thick SOI platform Dr. Matteo Cherchi VTT	
4:30 PM - 5:00 PM	11:30 AM - 12:00 PM
Silicon Photonics for Short Reach Optical Interconnects Dr. Xiao Xi NOEIC	
5:00PM - 6:00 PM	12:00 PM - 1:00 PM
Break and sponsor videos	
6:00 PM - 6:30 PM	1:00 PM - 1:30 PM
Considerations on using silicon photonics for the coherent optical transceiver beyond 100Gbaud Dr. Quan Cao FiberHome	
6:30 PM - 7:00 PM	1:30 PM - 2:00 PM
Silicon photonics IP validation and deployment enabled by PDA flow Dr. Ruping Cao Luceda Photonics	
7:00 PM - 7:30 PM	2:00 PM - 2:30 PM
Silicon photonics quantum computing Prof. Jianwei Wang Peking University	
7:30 PM - 8:00 PM	2:30 PM - 3:00 PM
Title: Applications of laser integration in silicon photonics Dr. Sylvie Menezo SCINTIL Photonics	
8:00 PM - 8:10 PM	3:00 PM - 3:10 PM
Wrap-up and concluding remarks	