Program: Day 1 (16.08.2022)





Module:

Learn how to design a silicon photonic integrated circuit

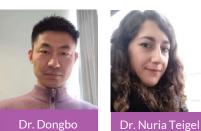
Element	Speaker/Trainer	Where?	When?	
Welcome	Roel Baets	Room Allan Turing , iGent Tower, Floor 1	09:00 - 09:10	
Program and Housekeeping	Abdul Rahim		09:10 - 09:20	
Short introduction to silicon photonics	Wim Bogaerts		09:20 - 10:00	
 Tutorial: Concept of process design kit (PDK) How to design silicon photonic ICs? Compact models and circuit simulations 	Umar Khan		10:00 - 10:30	
Hands-on: Designing a simple silicon photonic IC	Umar Khan		10:30 - 12:30	
Hands-on: Designing a simple silicon photonic IC	Umar Khan		1:30 - 5:15	
Quiz	Umar Khan		5:15 – 5:30	
درج مرجع Available in the meeting room 12:30 – 1:30 PM at Floor 12				



Program: Day 2 (17.08.2022)

Module:

Learn how to design a silicon photonic integrated circuit



Benéitez

Wang





Ms. Liesbet Van

Landschoot



Prof. Gunther

Roelkens

Element	Speaker/Trainer	Where?	When?		
Tutorial: Overview of silicon photonics chip fabrication in a CMOS fab	Dongbo Wang	Room Allan Turing , iGent Tower, Floor 1	09:00 - 10:00		
Demos:Clean room safetyExposure to different silicon photonics platforms	Muhammad Muneeb, Nuria Teigell Beneitez	Tech. Park building 123 (Clean room building)	10:30 - 12:00		
 Hands-on: Sample preparation (cleaving, cleaning, spin-coating) E-beam exposure of the design from Day 1 Reactive ion etching of the exposed and developed samples 	Muhammad Muneeb, Nuria Teigell Beneitez, Dongbo Wang, Liesbet Van Landschoot	Tech. Park building 123 (Clean room building)	1:00 – 4:30		
Tutorial: Laser co-integration with silicon photonics	Gunther Roelkens	Room Allan Turing , iGent Tower, Floor 1	5:00 - 6:00		
Quiz			6:00 - 6:15		
Group Dinner		In a local Ghent Restaurant	7 PM – 10 PM		
Available in the meeting room $12:30 - 1:30$ PM at Floor 12					

ePIXfab The European Silicon Photonics Alliance

http://epixfab.eu

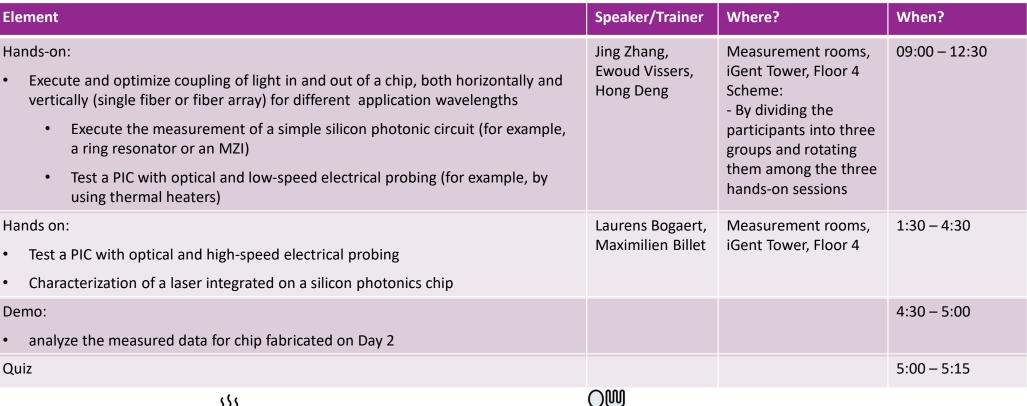
Program: Day 3 (18.08.2022)

Module:

Learn how to characterize a silicon photonic integrated circuit



12:30 – 1:30 PM at Floor 12





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Bogaert