ePIXfab

REGISTER

Asia-Europe Course & Symposium

December 16-17: Course

Introduction to the field of silicon photonics and its latest developments

December 18: Symposium

Expanding and Connecting Photonics Ecosystems in Asia and Europe

Dec 16-18
2026

Bengaluru, India
& Online

ePIXfab

CeNSE
CENTRE FOR NANO SCIENCE AND ENGINEERING

INDIAN INSTITUTE OF SCIENCE
भारतीय विज्ञान संस्थान

About the event

The Asia-Europe Silicon Photonics Symposium and Course brings together industrial and academic technology leaders from across the globe, offering a full spectrum of perspectives on silicon photonics technology and its applications.

This year's edition is organized in India in collaboration with CeNSE, Indian Institute of Science (IISc).

The event comprises a two-day Short Course on Silicon Photonics and a one-day (free) symposium on "Expanding and Connecting Photonics Ecosystems in Asia and Europe". The event will attract accomplished senior faculty members and industrialists from around the world and colleagues in India.









Short Course * Preliminary Program

Wednesday, December 16

Time	Topic
9:30 - 10:00	Welcome to IISc, ePIXfab & the workshop
10:00 - 11:00	Introduction to Silicon Photonics
11:00 - 11:30	Coffee Break
11:30 - 12:30	Passive building blocks for PICs
12:30 - 13:30	Active building blocks for PICs
13:30 - 15:00	Lunch
15:00 - 16:00	III-V photonics
16:00 - 16:30	Coffee Break
16:30 - 17:30	New materials for SIlicon Photonics
17:30 - 18:30	Heterogeneous integration
18:30 - 19:30	Optical communications

Short Course * Preliminary Program

Thursday, December 17

Time	Topic
9:30 - 10:30	Packaging
10:30 - 11:00	Coffee Break
11:00 - 12:00	Electronics for photonics
12:00 - 13:00	PIC Design: tips and challenges
13:00 - 14:30	Lunch
14:30 - 15:30	Managing yield in PICs
15:30 - 16:00	Coffee Break
16:00 - 17:00	Programmable photonics
17:00 - 18:00	Quantum photonics
18:00 - 19:00	Microwave photonics

Symposium

* Preliminary Program

Friday, December 18

Time	Topic
9:30 - 10:00	Welcome to IISc, ePIXfab, Symposium
10:00 - 10:30	Foundry offerings and services
10:30 - 11:00	Outlook on laser integration
11:00 - 11:30	Yield of PICs
11:30 - 12:00	Coffee Break
12:00 - 12:30	Test and measurement capabilities in SiPh
12:30 - 13:00	Startup experiences
13:00 - 14:00	Lunch
14:00 - 14:30	The global photonics ecosystem
14:30 - 15:00	The local startup ecosystem
15:00 - 15:30	EU and Indian ecosystems: matching strengths and gaps
15:30 - 16:00	Standardization efforts in SiPh

Symposium

* Preliminary Program

Friday, December 18

Time	Topic
16:00 - 16:30	Coffee break
16:30 - 17:00	Startup experiences
17: 00 - 18:00	Panel discussion on international collaboration

Registration Link:
https://conferences-others.iisc.ac.in/asia-europe-course-symposium-2026/

Please refer to the Asia-Europe Silicon Photonics Symposium 2025 - Past training - ePIXfab page for highlights from our last 06-08 November 2025 successful session.