

TRAINING 2015

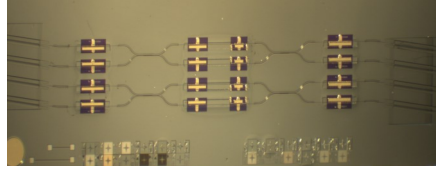
Photonic IC courses in **Design and Technology** aspects and fabrication of your chips in one of JePPIX MPW runs

5-days intensive training:

- › 8 —12 June: Berlin, Fraunhofer HHI
- › 29 June — 3 July: Daejeon, ETRI

2-weeks training course:

- › 26 October — 6 November, Eindhoven, TU/e



Photonic IC THz signal generator fabricated at Fraunhofer HHI.

5-days INTENSIVE training courses

What will you learn?

- What is **photonic integration** and generic manufacturing;
- What photonic **platforms** are available via **MPW**;
- How does a Multi Project Wafer run work in **practice**;
- What is a **Process Design Kit** (PDK);
- Discover the **services** from various design houses (**VLC Photonics** and **Bright Photonics**) that can help you with actual **design** work and **libraries** for the software tools;
- PIC design examples and applications on each of the JePPIX's foundry (**SMART Photonics (NL)**, **Oclaro (UK)**, **Heinrich Hertz Institute (GER)**, **TriPleX-LioniX (NL)**).

Extensive **hands-on session** in using a photonics design kit:

- Use foundry's mature **building blocks** to simulate your circuit with PICwave from Photon Design and Aspic from Filarete;
- Automatically translate your circuit to foundry's **on-specs mask** (GDSII) file by using OptoDesigner from Phoenix Software;
- Design for **packaging** by using templates from Linkra, Technobis and Xio Photonics.

Furthermore it is a unique opportunity to network with experts in photonics, from foundries, software providers and design houses.

Venues:

8-12 June 2015, Berlin, Germany, @ Fraunhofer HHI

29 June - 3 July 2015, Daejeon, Korea, @ ETRI

2-weeks training course

The JePPIX training course in InP-based Photonic Integrated Circuit **design** and **fabrication** will run again in Eindhoven this year!

The course is supported by Nanolab@TU/e; the commercial software partners Phoenix Software, Photon Design and Filarete; design houses BRIGHT Photonics and VLC Photonics; foundry partners SMART Photonics, Oclaro, Heinrich Hertz Institute, LioniX; packaging partners Linkra and Technobis IPPS.

This is a rare opportunity to not only study **PIC design with the experts**, get **hands-on experience** with various software tools, but also to study **practical** fab aspects and, ultimately, to get some of your **designs** built through our shared MPW runs.

Venue:

26 October - 6 November 2015, Eindhoven, the Netherlands, @ TU/e

[More information and registration: visit JePPIX website.](#)