

4th Training in Photonic Integrated Circuits

Supported by Over 23 Companies

Jan 28 - Feb 1, 2019, Silicon Valley

Hands-On Training in Photonic Integration

After three successful annual training events (2015-2017) with enthusiastic reactions, a fourth training is now organized in Santa Clara, CA. It covers all aspects needed for developing PICs such as a system level overview, a component tutorial, design & layout software, foundries, packaging, T&M, and business topics. During the hands-on training, participants will simulate, design, and layout PICs using a range of software tools. The training also addresses all key material systems (Si Photonics, InP-based, SiO₂/Si₃N₄). The program has the full support of over 20 companies that span the complete photonic integration ecosystem, and includes several industry guest speakers as well as extensive networking opportunities, for example, in the form of facilitated group dinners.

Training Detail

Date: Monday January 28 through Friday February 1, 2019

Location: 5301 Stevens Creek Blvd, Santa Clara, CA 95051

Cost: \$2,450 for regular attendants, \$1,725 for Universities. Discounts may apply. Please contact us for this.

List of Supporting Companies

- Photonics Foundries & Brokers: ePIXfab, VTT, LETI, JePPIX, Smart Photonics, HHI, LioniX Intl., LIGENTEC
- Design and Layout Software: Synopsys, CST, Luceda, Mentor, VPI, Photon Design
- Packaging: Chiral Photonics, PIXAPP, ficonTEC, IBM
- Design Houses: VLC Photonics
- Test & Measurement: EXFO, Tektronix, Keysight Technologies

Summarized Program

- **Mon:** State of the Field in Photonic Integration, PIC Tutorial, System Level Tutorial, System Modeling
- **Tue:** S/W Hands-On – PIC design tools, Schematic Driven Layout, PIC Circuit simulation, Compact modeling
- **Wed:** S/W Hands-On – EPDA Framework (DRC, LVS), Integrated design flow, Component Physical design
- **Thu:** MPW Foundries such as Silicon Photonics & InP Photonics, Fabless approach, Packaging
- **Fri:** Dielectric Foundries, Test & Measurement, PIC Business & Market Topics

Additional Info and Registration

<https://www.7pennies.com/news-events/pic-training-silicon-valley-2019/>

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Supporting Companies

