

NAZCA Design-Hands-on PIC Design Training at ECIO 2020

(organized by ePIXfab – The European Silicon Photonics Alliance)

When: 22nd June 2020 (1-day prior to ECIO)

Title of your hands-on-training:

Duration: 4-hours from 1pm to 5pm

When: 22nd June 2020

Where: [C2N, 10 Boulevard Thomas Gobert – 91120 Palaiseau France](#) (!!! Please note that this location is different from the ECIO conference location!!!)

Aim of the training:

Learn to use PIC design with Nazca Design in Python. The training shows you all the concepts to get you started and it provides directions into the more advanced features of circuit integrity validation, GDS manipulation and PDK development. The training also explains the role of Nazca in the PIC development chain and how an open source design tool with community and commercial support provide long term security, flexibility and innovation.

Target audience:

PIC designers: beginner to expert

Description of the training and topics covered:

PIC layout design, cells and layer, interconnect, building block and PDK creation, GDS introduction and advanced manipulation, connection DRC, circuit level path-tracing and compact models.

Program (tentative):

TBD

Tutor:

Ronald Broeke, senior Photonic designer product development, founder of Nazca Design and Bright Photonics.

Katarzyna Lawniczuk, senior Photonic designer product development

Practical Details:

Bring a laptop and when possible pre-install Nazca. No license needed!

Follow the instructions on <https://nazca-design.org/installation/>

Logo of the company with short description:

Bright Photonics is a design house for Photonic integrated circuits with services ranging from design support to prototyping and product development. Bright is a supporter of open innovation and open source software to empower engineers to own, control, and optimize their individual workflows while keeping collaboration and foundry access open.



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