

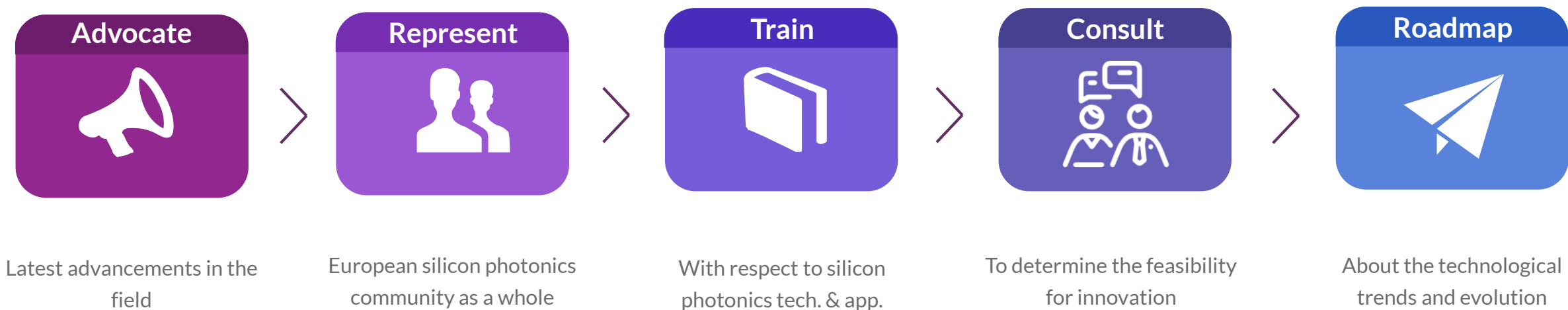
ePIXfab – The European Silicon Photonics Alliance



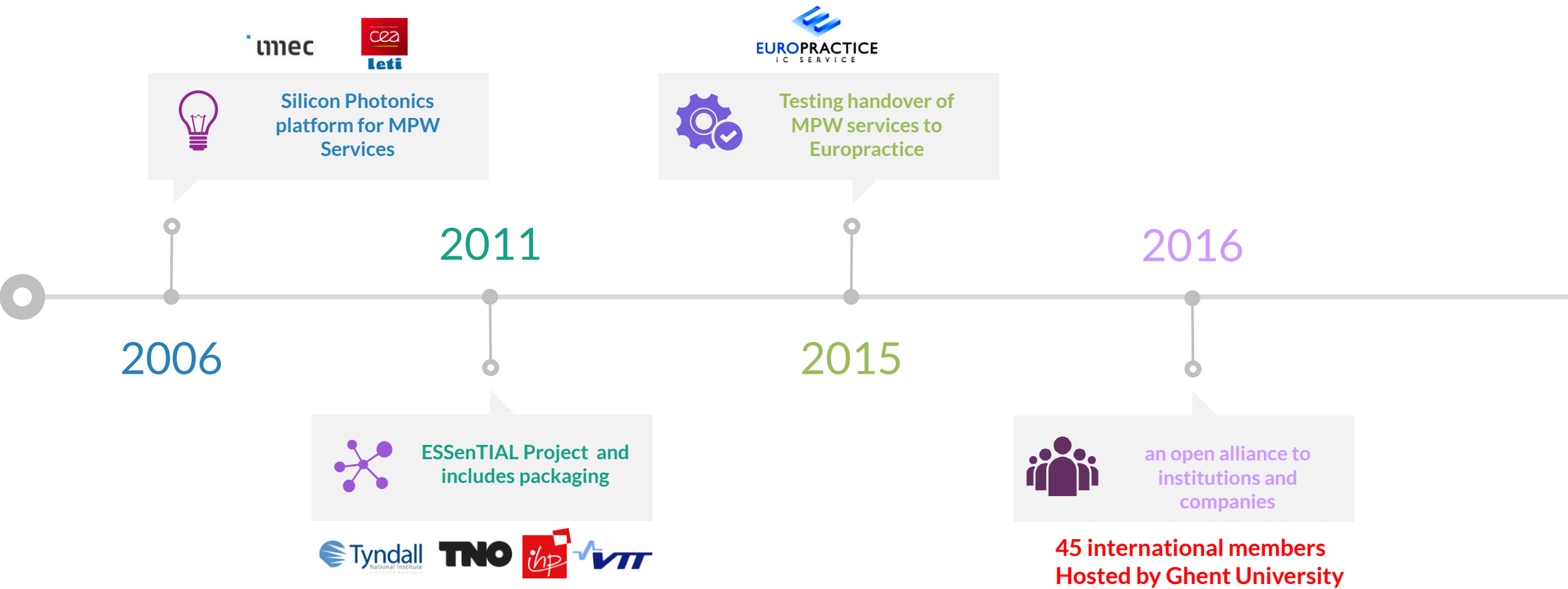
ePIXfab – the European Silicon Photonics Alliance

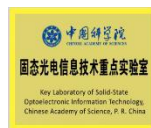
ePIXfab: Mission and Activities

ePIXfab is an *open alliance* of international organizations that promotes silicon photonics science, technology and applications



ePIXfab timeline: from MPW technology broker to an open alliance





The European Silicon Photonics Alliance

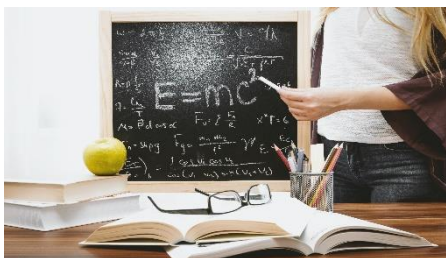
<http://epixfab.eu>

ePIXfab Membership Benefits

- **First-time member:** free participation voucher for one person for one ePIXfab-organized event
- Reduced participation fee in all ePIXfab-organized events
- Silicon photonics technology matchmaking
- Online access to streamed content of ePIXfab-organized events
- Free access (password-protected) to resources on the ePIXfab website (training material, services, ...)
- Visibility of members on ePIXfab website, promotional material, presentations
- Be part of ePIXfab services such as industrial residence program, student internship program and off-the-shelf chip program
- Possibility to sponsor events, and in this case, be allowed to present at the event, have roll-up, etc.

ePIXfab Values

*Quality of
knowledge and skill
building*



Inclusion



Neutrality



*Collaboration
beyond PICs*



Sustainability



ePIXfab in action



Silicon Photonics Summer School Pisa, Italy



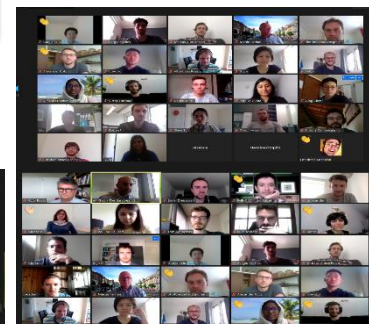
Silicon Nitride PICs Brussels, Belgium



Training for Chinese Acc. of Space Tech. Eindhoven



European Photonic Integration Forum, 2020



5th SiPh Summer School 2020 (Online)



China-Europe Silicon Photonics, Dalian, China



European Photonic Integration Forum Dublin



2nd ePIXfab-PIX4Life SiN Crash Course (Online)



2nd China-Europe Symposium (Online)



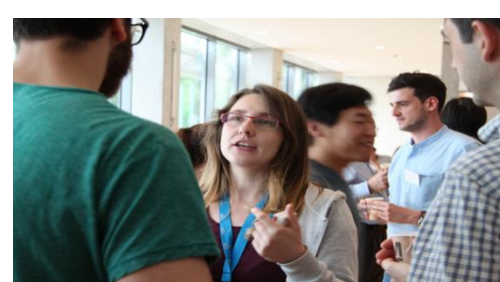
Workshop on open access tech., ECIO



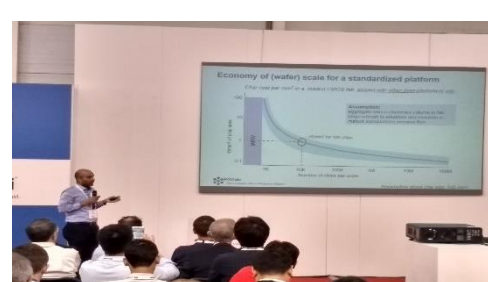
Hands-on design course at ECIO 2020



Silicon photonics course Chongqing



4th ePIXfab Silicon Photonics Summer School

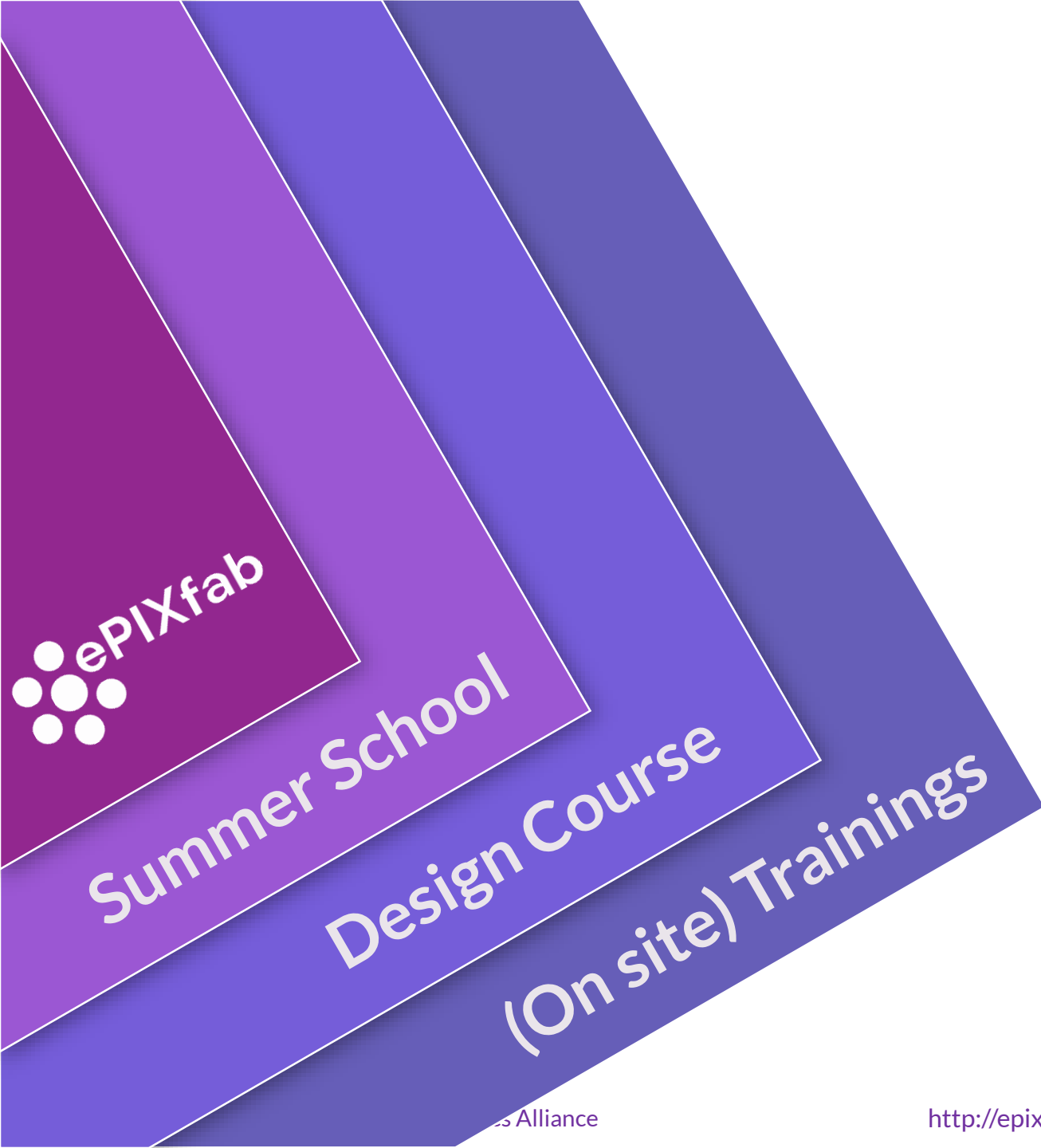


Market Focus ECOC 2018



The European Silicon Photonics Alliance

<http://epixfab.eu>



ePIXfab Services

Regular Events

Education and Workforce Development

ePIXfab trainings are design to address needs of both industrial and academic workforce with the mindset to enable seamless entry into the field of silicon photonics



Hands-on design software training

at ECIO Conference



European Photonic Integration Forum

at ECOC



Hands-on Design Course

Ghent University, Belgium



Silicon Photonics School, 5-day event

Alternates between Ghent and other cities



China-Europe Silicon Photonics Symposium and Course

China



Silicon Nitride Crash Course

Brussels

ePIXfab Services: Industrial Residence Program



Aiding the industry to provide them with silicon photonics experts

Enable companies and/or institutes in internalizing the skills needed to adopt silicon photonics technology by on-site training at ePIXfab member institutes

FEATURE 1

A highly interactive and hands-on flexible training program

FEATURE 2

One to one mentoring by the top experts of silicon photonics

FEATURE 3

Complete exposure to silicon photonics ecosystem in Europe

FEATURE 4

Provision to tape-out on MPW of a fab of trainee's choice

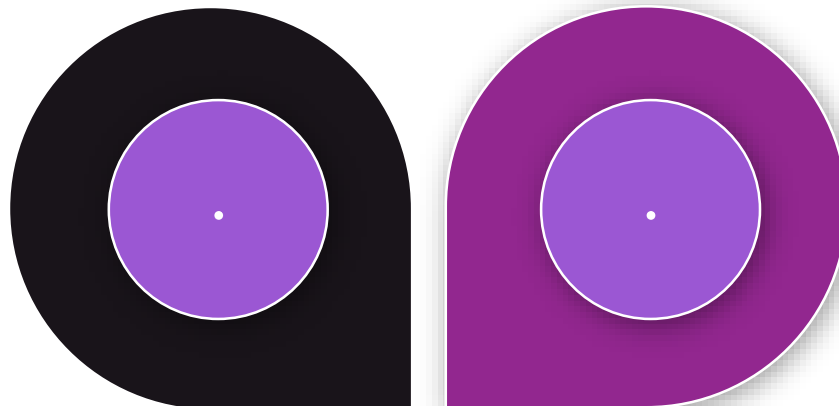
ePIXfab Services: Off-the-shelf Silicon Photonic PICs

Aiding your silicon photonics innovation by a silicon PIC in zero-turnaround

The general-purpose chip can be readily bought off-the-shelf to help you start your experiment without waiting for long MPW turn-around times.

FEATURE 1

Requires no designing and no wait for processing

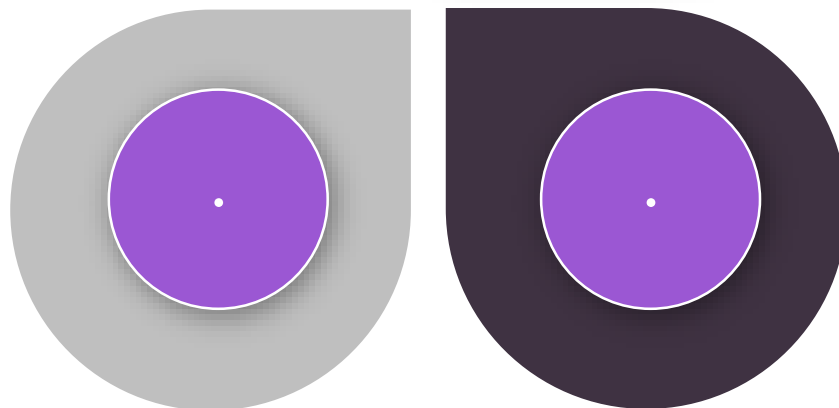


FEATURE 3

Ready-made to enhance your affinity with silicon PICs

FEATURE 2

Fabricated using a mature technology



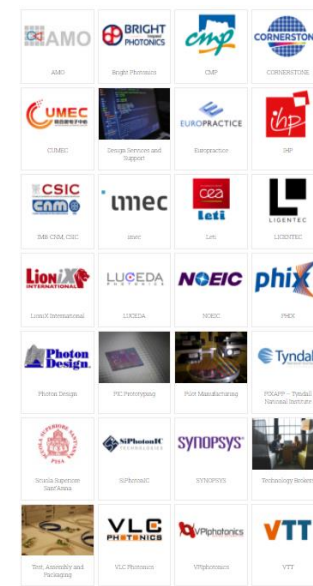
FEATURE 4

Useful for research and experimentation

ePIXfab Services: Portal of Silicon Photonics Solution Providers

Your Link to the Best Silicon Photonics Solution Providers

Visit: <https://epixfab.eu/portal-of-silicon-photonics-players/>



Discover the services offered by
the some of the most well-
established players in the field
of silicon photonics

Know the latest updates and their future plans to evolve their services to the future demands of the end-users

Get in touch with the service providers and ask your questions in a discrete and trustworthy fashion

Latest Development: ePIXfab as part of Photon Hub Europe

- **What is Photon Hub:** One-Stop-Shop Open Access to Photonics Innovation Support for a Digital Europe
- Coordinated by Vrije Universiteit Brussels
- Starting Jan. 2021
- 50 + partners
- ePIXfab will contribute in “Training and Upskilling” activities



GET IN TOUCH



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