

SWISS PHOTONICS : Mission



Swissphotronics Events

Mon, 09.09.2024	Visual inspection for quality control and traceability, FHGR Chur	Mon, 01.11. - Wed, 13.12.2024	EPIC Event Europe and beyond
Tue, 10.09.2024	Lunch Chat: Photonics Forward21, online	Fri, 01.05. - Tue, 31.12.2024	Photonics Booster Photonics Events 2024
Tue, 17.09.2024	Lunch Chat: DNA Quality Automation in Light Microscopy with NO sample Loss	Tue, 10.09. - Thu, 19.09.2024	Summer School on Optical Communications, ETH Zürich
Tue, 24.09.2024	Lunch Chat: Presentation by SUPSI, online	Thu, 19.09.2024	LANE 2024, Fürth
Tue, 01.10.2024	Lunch Chat: Presentation by SUPSI, online	Thu, 19.09.2024	Industrialization of Perovskite Thin Film Photovoltaic Technology
Tue, 08.10.2024	Lunch Chat: Presentation by Cassio-P, online	Wed, 02.10. - Thu, 03.10.2024	Workshop on Photonics for Industry, date, Neuchatel
Tue, 15.10.2024	Lunch Chat: Presentation by Grensol, online	Thu, 10.10.2024	Photonics and Radio Frequency simulations for Industry and Academia, ETH Zürich
Tue, 22.10.2024	Lunch Chat: Use of Computer Simulations	Mon, 23.06. - Thu, 26.06.2025	Lasers in Manufacturing (LiM) 2025, Munich
		Tue, 24.06. - Fri, 27.06.2025	Swiss Pavilion at the LASER World of

Mission: Improve competitiveness of our members by strengthening the innovation forces to secure and grow industrial workplaces

>200 members

Swissphotonics network stands for:

- Networking, interactive workshops, breaks, apero riche for personal matchmaking
- Improve competitiveness of our members by strengthening the innovation forces to secure and grow industrial workplaces
- Successful matchmaking between industry needs and academia efforts, working the value chain from idea to market
- Active participation in EU projects, BestPhorm21, Carla and PhotonHub Europe
- Strong international network
- 200 members and increasing (2/3 SMEs) supporting initiatives of its members



SPIE.

OPTICA

International Optoelectronics Association

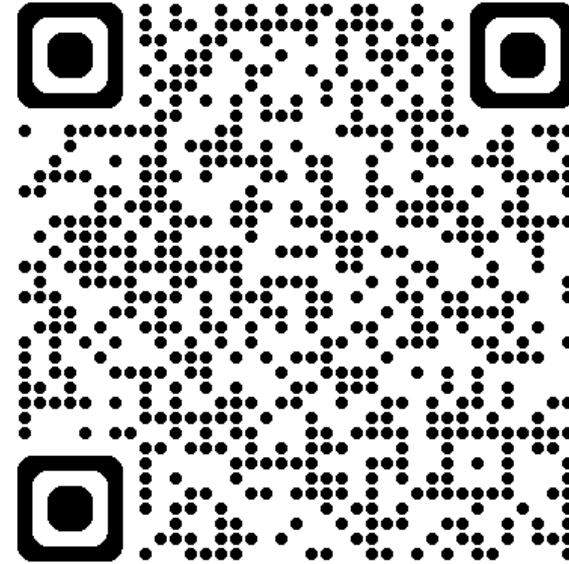
Join our lunch chats

➤ Every Tuesday Lunch time, 12:00-12:45 since March 2021

- Open to everybody, no password
- Weekly topic on www.swissphotonics.net
- & LinkedIn

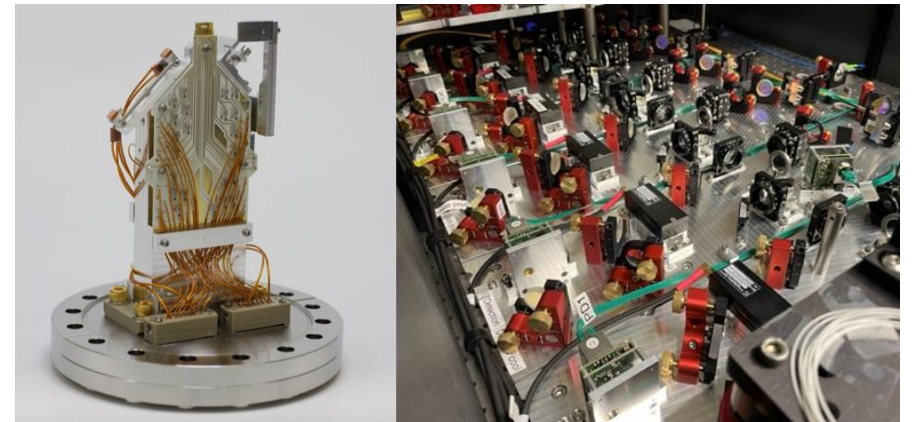
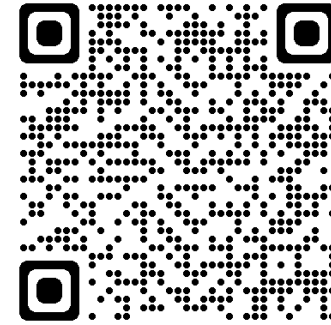
➤ Zoom login: Always the same

- Get link by one time registering



Recent Swiss photonics support actions

- AM-TTC – Swiss Photonics Integration Technology Center
 - ✓ «Only light in fiber is good light»
- Member of ASIPRO
 - ✓ Relates Offset Business
- Member of Photonics 21
 - ✓ Helps getting Horizon calls financed
- Support for Swiss Quantum Activities
 - ✓ «Every photon counts» requires optimum coupling



Ion-trap quantum computing (ETHZ/PSI Quantum Computing Hub Jonathan Home and Cornelius Hempel)

SWISS PHOTONICS

Swissphotonics

- The Swiss network for photonics.
- Improves the competitiveness of its members.
- Encourages innovation forces.
- Directly supports SMEs.
- Serves companies, research organisations, and universities in the field of photonics.
- Finds research partners and funding.
- Is a non-profit association.

Swiss National Clusters

- Centers of competence: Combines interested research organizations for a specific topic.
- Single point contact: connection to the best suitable institute to handle a specific request.

International Network

- Supports the networking within Switzerland, Europe (Photonics21, EPIC) and worldwide (OPTICA, IOA).

Platform to support individual initiatives

DIN ISO 10110-7

- Surface imperfections (ISO/DIS 10110-7:2016)
- Implementation: Equipment and algorithm
 - E.g. ESP-Engineering



- Propose: Working group: Exécution of ISO 10110-7
 - Lead: Andreas Walser, esp-engineering

200
members

**Strengthening
the innovation
forces to secure
and grow
workplaces through:**

- Networking and interactive workshops
- Matchmaking between academia strengths and industry needs
- Active participation in EU projects
 - > BestPhorm21
 - > Carla
 - > Photonhub Europe
 - > Horizon Europe programs

**Working value chain
from idea to market**



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