



General Assembly 2022



**Christian Bosshard and Christoph Harder
Neuchatel, November 7, 2022**

1. Agenda

- | | | |
|-----|--|--------------------------|
| 1. | Welcome, Agenda | |
| 2. | Election of the scrutineers and scribe | Election |
| 3. | Minutes of the GA of October 21, 2021 | Approval |
| 4. | Activity report for Year 2022 | Information / Discussion |
| 5. | Annual accounts 2021 | Information / Approval |
| 6. | Acceptance of audit report | Approval |
| 7. | Status Accounts 2022 | Information |
| 8. | Budget 2022 | Discussion / Approval |
| 9. | Discharge of the board members | Discussion / Approval |
| 10. | Advisory Board | Information |
| 11. | Future of Swissphotonics: update | Discussion / Approval |
| 12. | Motions/amendments of the members
(to be sent in before October 21, 2022) | Discussion/ Approval |
| 13. | Varia | |

2. Scrutineers and scribe (**Vote**)

- **Scrutineers/Stimmzähler**

- Proposition:
 - Pierre-Yves Fongollaz, EPFL
- **Vote**

- **Scribe/Protokollführer**

- Proposition:
 - **xxx**
- **Vote**

3. GA '21: Meeting Minutes (**Vote**)

- Meeting minutes available on web

- https://www.swissphotonics.net/libraries.files/ga_minutes_20214321.pdf

- Discussion

- **Vote**

4. SWISS PHOTONICS : Mission



Events & News

Clusters

Funding

Partners

Support

Jobs

About

Swissphotronics Events

- Tue, 25.10.2022 [Lunch Chat: ECOC 2022 Highlights - II, Online](#)
- Tue, 01.11.2022 [Lunch Chat: ECOC 2022 Highlights - I, Online](#)
- Mon, 07.11.2022 [Swissphotronics Assembly, Neuchâtel, Members only](#)
- Mon, 07.11.2022 [Micro-optics, Neuchâtel](#)
- Tue, 08.11.2022 [Lunch Chat: ECOC 2022 Highlights - I, Online](#)
- Thu, 10.11.2022 - Fri, 13.11.2022 [Swissphotronics, EPFL](#)
- Mon, 28.11.2022 [Photonics for space-based tissue analysis, TU Wien, Zürich](#)
- Tue, 29.11.2022 [Lunch Chat: Specialty optical fibers, online](#)
- Tue, 06.12.2022 [Lunch Chat: Laser for precision, online](#)

More:

- ▶ [Upcoming Swissphotronics Events](#)
- ▶ [Past Swissphotronics Events](#)

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

Partner Events/Calls

- Wed, 16.11.2022 - Thu, 18.11.2022 [Symposium of the Photonics Imaging Center, University of Bern](#)
- Wed, 16.11.2022 - Thu, 01.12.2022 [Fair, Rheintal 2022, Dornbirn](#)
- Mon, 26.06.2023 - Thu, 29.06.2023 [Conference on Lasers in Manufacturing \(LiM\), Munich](#)
- ▶ [Upcoming Partner Events/Calls](#)
- ▶ [Past Partner Events/Calls](#)
- ▶ [Photonics Event Calendars](#)

200
members

4. 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

4. Photonics Brochure

- Aims:
 - to strengthen and market Switzerland's Photonics activities
 - to attract new members, to bring them closer to our field of research and to present our association, its goals and tasks in an innovative contemporary medium
- Aimed primarily at members, players in politics and business, and potential new customers in Switzerland, Europe and worldwide.
- More than 20 Swiss companies participate
- Launch: ready for Photonics West 2023

4. Eureka Call

- Supported by Swissphotonics and the NTN Innovation Booster Photonics
- 8 submissions from 7 countries; **no Swiss participation**
- Disadvantages:
 - without money from the EU the southern and eastern European countries cannot participate
 - Swiss issue: due to EUREKA rules at least one industry partner has to participate but due to the national regulations only academic partners can be funded which means there is no reason for industry to do so

4. AM-TTC - Swiss Photonics Integration Technology Center

Motivation

How to support Swiss Industry not be left behind?

Common challenges for Swiss Industry, especially Start-ups

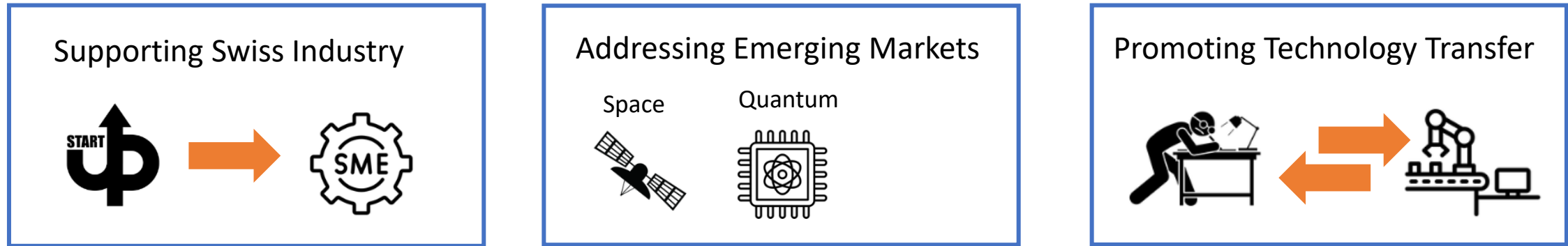
- Assembly & packaging
- Testing
- Qualification
 - => *Supporting Tech*

Issues / Hurdles

- *Supporting Tech* not core enough to invest internally, dependency on external providers
- Technology Providers are fully booked, focus on big potentials.
- Ecosystem immature (compared to semicon industry), hard to navigate

4. AM-TTC - Swiss Photonics Integration Technology Center

A photonics packaging center addresses the needs of the Swiss photonics industry








Mission: Go-to photonics packaging technology transfer and service provider in Switzerland providing:

- Development and testing of new packaging technologies
- Rapid prototyping and small to mid-volume manufacturing services to photonic product solution providers
- Technology transfer to customers and contract manufacturers for large volume production

4. AM-TTC - Swiss Photonics Integration Technology Center

Partners

<p>Service users</p> <p>Chip manufacturer</p> 		<p>System Companies</p> 	
<p>Equipment</p> 			
<p>Technology & Materials and Process providers</p> 			
<p>Public partners</p> 			

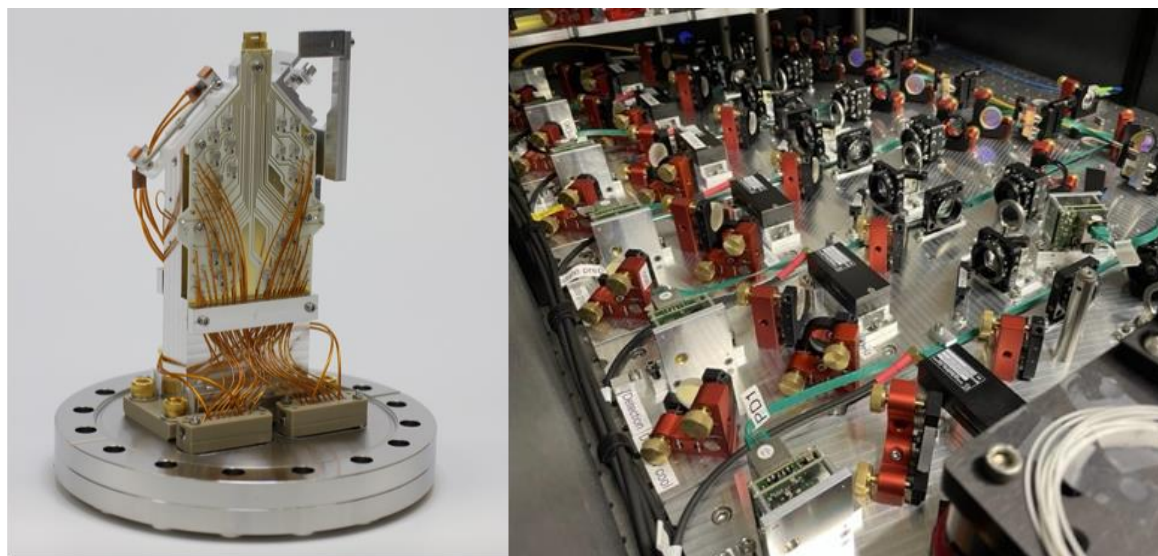
Launch: 1.1.2023

4. Quantum Calls

Switzerland is a non-associated third country in Horizon Europe

The Swiss government mandated the SNSF to launch the Quantum Transitional Call funding scheme: submission deadline 2.11.2022

Proposals to be evaluated by SNSF, successful projects to be funded directly by SERI.



Support by Swissphotonics for Swiss Quantum Call

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

4. Join our **SWISS PHOTONICS** workshops



Past events

- 24.02.22: Photonics packaging, Alpnach
- 24.05.22: Smart surveillance sensors, FHGR Chur
- 16.06.22: Photonics 4 masterpieces, Geneva
- 18.-22.9.22: ECOC 2022, Basel

Future events

- 07.11.22: Micro-optics, Neuchatel

4. Join our lunch chats

- Time: Tuesday Lunch time, since March 2021
 - Open to all member organizations, no password
 - Weekly topic announced on website & LinkedIn



- Recent lunch chats:
 - Tue, 04.10.22: Laser microjets
 - Tue, 11.10.22: Low loss integrated photonics
 - Tue, 18.10.2022: Highlights ECOC 2022 – I
 - Tue, 25.10.2022: Highlights ECOC 2022 – II
- Next:
 - Tue, 8.11.2022: Eye safety
 - Tue, 29.11.2022: Specialty optical fibers

Weekly Swissphotonics on-line lunch chat:

Complementary to our live events, we offer weekly online chats for regular vividly exchange between academia, applied science and industry.

Therefore, we invite you to an informal chat among experts and friends.

You can have lunch after the 12:45 end or during the lunch chat. Join and leave at your discretion.

Every Tuesday noon:

12:00	Zoom Check-in
12:05	Chat
12:45	End

Join us online

<https://us02web.zoom.us/j/83097348768?pwd=N0dKZUhKdmQ2aXI3MUpaU2FIYnFrUT09>

Meeting-ID: 830 9734 8768
Code: 724861



Moderators:

- Dr. Christoph Harder
- Dr. Christian Bosshard

Language: English

Topics:

- As announced on the webpage www.swissphotonics.net under Swissphotonics events
- Exchange news from the world of Photonics
- Information on associations (EPIC, OIDA, Photonics21, Optica)
- Information on EU projects (BestPhorm21, Carla, PhotonHub Europe)
- Innosuisse programs
- Hot topics by experts
- General Q&A

Contact:

Get link from:

Dr. Christoph Harder
harder@swissphotonics.net

Dr. Christian Bosshard
bosshard@swissphotonics.net
www.swissphotonics.net

4. Join our Yoga sessions

Time: Thursdays, 6:45 to 8:00

- Open to all member organizations, no password
- Since March 2021

Testimonies:

- My back feels so much better
- Hard to get up, but very much worth it



Weekly Online Yoga:

During 60 minutes we practice yoga (asanas) calmly and consciously, focus our attention on our breath and do something good for ourselves at the dawn of the day.

We strengthen not only our body, but also our mind. Yoga increases stamina, joy of life and gives us inner peace and strength.

Look forward to a powerful, beneficial, and relaxing start of the day. Carpe diem!

Every Thursday morning:

06:45	Checkin, chatting
07:00	Start Yoga session
07:55	Final 5-10 minute relaxation period (Savasana)
08:00	End

Join us online

https://us02web.zoom.us/j/83280489189?pwd=SzV4QTVzZ0xhcFcw_RHp6WTUwdW5mdz09

Meeting-ID: 832 8048 9189
Kenncode: 278137



- Free Yoga session
- For Swissphotonics members only

Wear comfortable clothes, do not practice with a full stomach and make sure you have a gym mat or yoga mat ready at home. You are also welcome to take pillows and blankets with you.

www.f-360.ch

Contact: Dr. Christoph Harder
harder@swissphotonics.net

4. EU projects

- **BestPhorm21 (H2020)**
 - Direct support action for Photonics21.
 - Funding: 140'000CHF for 2021, 2022, 2023
- **SWISSPHOTONICS is part of Carla (H2020)**
 - Motivating young graduates to decide for a career in photonics.
 - Funding: 100'000 CHF for 2020, 2021, 2022
 - Partner in Switzerland: EPFL
- **PhotonHub Europe**
 - As a partner of EPFL, SWISSPHOTONICS is participating in PhotonHub establishing the European One-Stop Shop for Photonics.
 - Funding: 60'000 CHF for 2021-2024

4. Further events

- **Photonics West 2022:** Aperero cancelled due to COVID
- **World of Photonics Munich 2022:** Very successful apero in collaboration with the NTN Innovation Booster Photonics and Fisba



4. Further events

Support of other events including

- Photonik Kolloquium at OST
- W3+ Fair in Wetzlar
- Research Day of the Microscopy Imaging Center

4. Further activities

- **Swissphotonics prize 2022:** For excellent master thesis in Optics or Photonics at EPFL



Award committee:

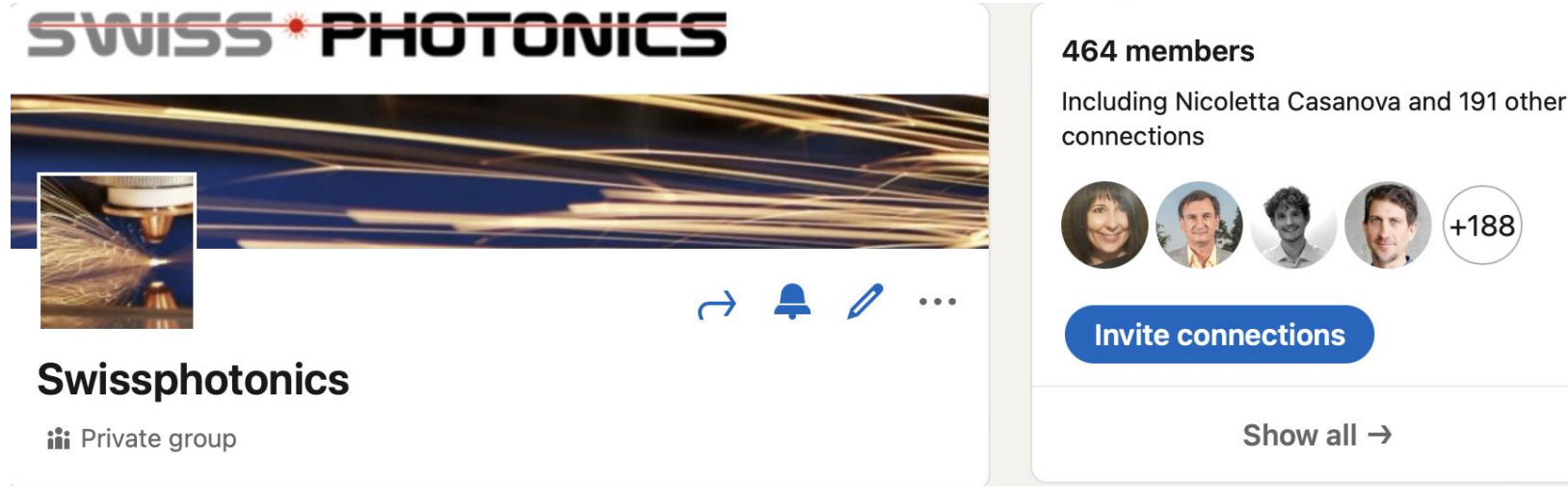
- Prof. C. Moser, EPFL
- Prof. O. Martin, EPFL
- Dr. Christian Bosshard, Swissphotonics

Congratulations !

Thesis title: Analysis of the effect of optical fiber parameters on the performance of Scalable Optical Learning Operator

4. LinkedIn

From private LinkedIn group

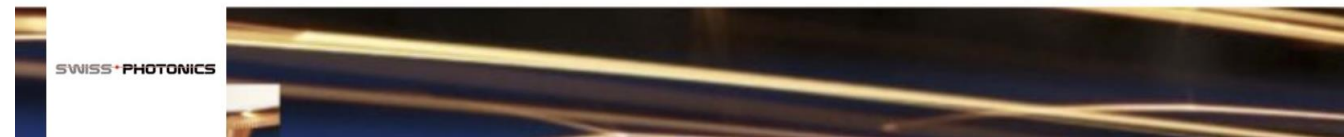


The screenshot shows a LinkedIn group page for 'Swissphotronics'. At the top, the group name 'SWISS PHOTONICS' is displayed in a stylized font with a red laser line through it. Below the name is a banner image showing fiber optic cables with light trails. A smaller profile picture of a fiber optic connector is visible on the left. The group is identified as a 'Private group'. On the right side, it shows '464 members' and lists 'Including Nicoletta Casanova and 191 other connections'. There are four profile pictures of members and a '+188' button. A blue button labeled 'Invite connections' is present, along with a 'Show all →' link.

to Company



Follow us here !



Swissphotronics

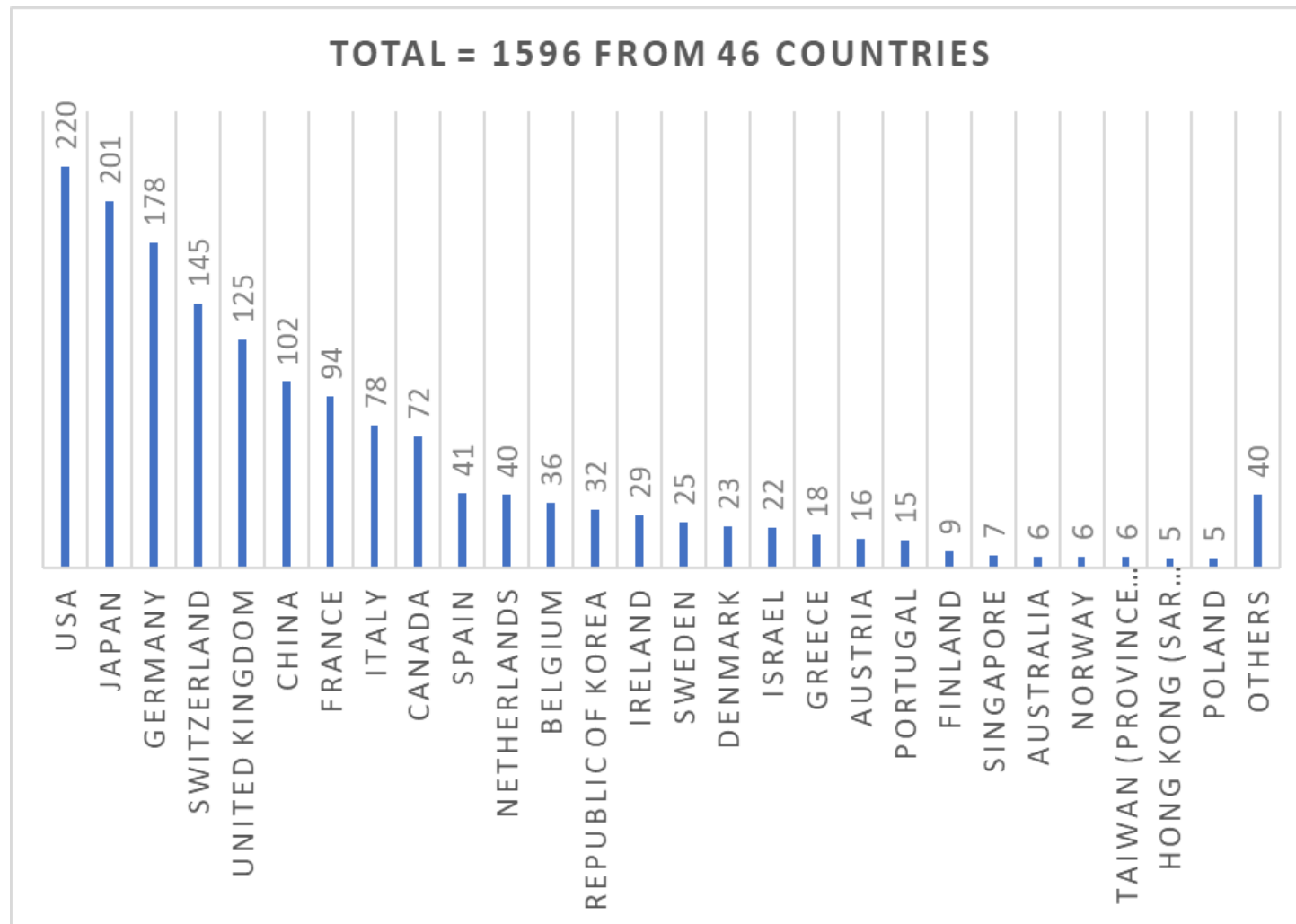
Swissphotronics goal is to improve the competitiveness of its members through the support of innovation forces.

Nanotechnology Research · Wollerau, Schwyz · **221 followers**

4. Further events: ECOC 2022

Delegates:

- 100+ in program committee
- 240h of presentations
- 650 speakers
- 1600, 85% on-site



4. Further events: ECOC 2022

Goal: Interaction

- Spent 300'000.- on food, meeting places everywhere

Swiss Cluster an der ECOC 2023 ?

Organisationskomitee – Programmkomitee



Welcome Reception in Markthalle Basel



Ausstellung



Interaktionen im Foyer

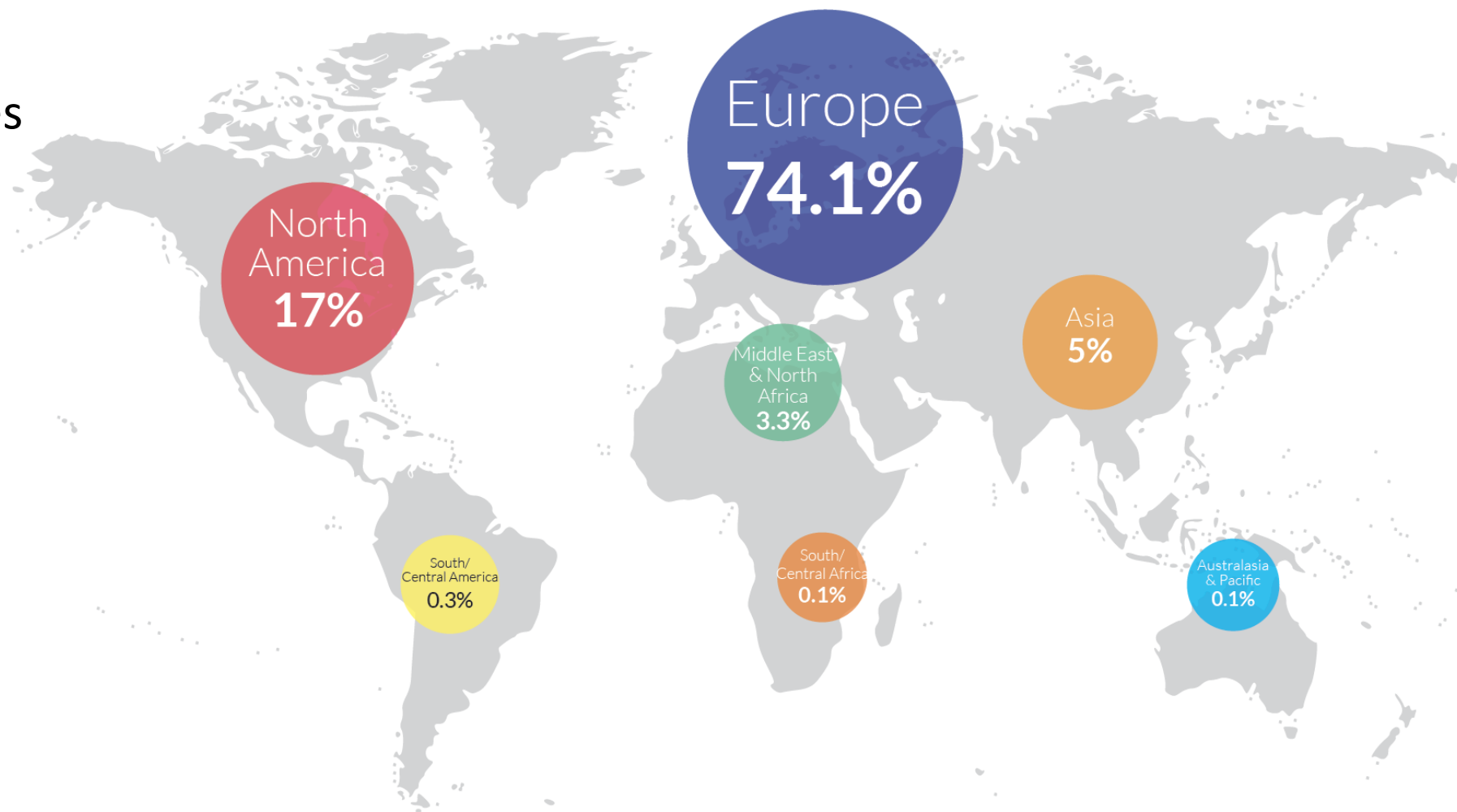


4. Further events: ECOC 2022

Exhibition:

- 290 exhibitors
- 6200 attendees

ATTENDEES BY GEOGRAPHIC LOCATION



4. Further events: ECOC 2022

Thanks to sponsors:
Ligentec, Axetris, Süss

EPIC member run at ECOC 2022



5. Annual accounts 2021

	2019	2020	2021	Comment 2021
Innosuisse	251'361	274'761	-	
EU	43'200	102'351	33'984	EU 2021: Rebooking
Membership	47'230	49'750	51'156	
Other	-	-	10'770	Collaboration with NTN Photonics
Income	341'791	426'862	95'910	
	2019	2020	2021	
Office Romandie	-40'286	-33'948	-21'035	Office Romandie 2021: Rebooking
Managing Contracts	-53'850	-53'850	-5'500	Cut contracts
Eventmanagement	-73'345	-73'345	-60'345	Phase out of Beni Müller
Workshops	-127'654	-44'952	-16'506	Covid
Project direct costs	-5'442	-6'338	-26'851	
Salary	-24'446	-24'686	-30'800	
Operations	-30'452	-25'154	-14'464	
One time charges	601	294	-8'206	
Taxes	-	-1	-247	
Spent	-354'875	-261'981	-183'954	
Profit/Loss	-13'084	164'881	-88'044	
Cash per 31.12	313'612	426'839	423'333	

6. Acceptance of audit report 2021 (Vote)

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

IWF / ETH Zentrum, CLA G5, Tannenstr.3, CH-8002 Zürich

Herrn Christoph Harder
SwissPhotonics

Zürich, 20. Mai 2022/kw

Betreff: Rechnungsprüfung Swiss Photonics für 2021

Der Präsident hat einen elektronischen Belegordner zusammengestellt, der Belege des Geschäftsjahres 2021, vom 1.1. 2021 bis zum 31.12.2021 enthält. Es konnte jede Zahlung und jeder Geldeingang am Ende nach Rückfragen und deren Beantwortung nachvollzogen werden. Die Zuordnung der Rechnungsbelege zu den Kontobewegungen liess sich lückenlos verfolgen. Alle Zahlungen waren dem Geschäftsziel der Swiss Photonics zuordnebar, wie sich aus den Belegen und der anschliessenden Diskussion mit Herrn Harder über bestimmte Belege ergab. Dies trifft insbesondere auch auf die hohen Zahlungen an Beni Müller, die der Finanzierung von Events wie Webinaren dienen, zu. Es gab keinerlei Unregelmässigkeiten bei den Zahlungen. Der Kontostand in Höhe von CHF 327022.10 wurde korrekt in die Bilanz übertragen. Die Mitgliedsbeiträge beliefen sich auf CHF 51156.00 und haben somit die des Vorjahres geringfügig überschritten. Für 2021 und die folgenden Jahre fällt kein Innosuisse Förderbeitrag an. Die Zusammenarbeit mit Swissem ist derzeit gestört. Hier ist eine Bereinigung erforderlich, weil ansonsten die Leistungsfähigkeit der Swiss Photonics untergraben wird. Das Projekt CARLA wurde vorübergehend auf Eis gelegt, was zur Abgrenzung von CHF 75600.- und somit zu einem Minus von CHF 29100.- geführt hat. Es konnten Einnahmen in Höhe von CHF 53384.14 aus dem neuen Projekt BestPhorm21 und CHF 9700.- aus dem Projekt Photon Hub Europe verbucht werden. Insgesamt wurde ein Minus von CHF 88044.34 erzielt. Die Reserven belaufen sich zum Jahresende 2021 auf CHF 327022.10. Somit kann seitens der Rechnungsprüfung empfohlen werden, den Rechnungsabschluss zu genehmigen und der Geschäftsführung Entlastung zu erteilen.

Viele Grüsse



Konrad Wegener

IWF

Institut für Werkzeugmaschinen und Fertigung
Institute of Machine Tools and Manufacturing

Leonhardstrasse 21 LEE L214
CH-8092 Zürich

Prof. Dr.-Ing. Konrad Wegener
Tel. +41-44-632 24 29
Fax +41-44-632 21 25
wegener@iwf.mavt.ethz.ch

- Revision by
 - Excent Revision
 - All ok
 - Prof. Wegener (association audit)
 - All ok, see left
- Healthy finances:
 - Loss of 88'044
 - Reduce further event management support
 - Cash at YE 2021:
 - CHF 423'333.-

7. Status Accounts mid 2022 and Budget 2023

	2019	2020	2021	2022	2023		Comment 2022/23
Innosuisse	251'361	274'761	-	-	-		
EU	43'200	102'351	33'984	100'000	100'000		
Membership	47'230	49'750	51'156	60'000	60'000		Stay at 200+ memberships
Other	-	-	10'770	5'000	5'000		
Income	341'791	426'862	95'910	165'000	165'000		Stabilize above 150'000
	2019	2020	2021	2022	2023		
Office Romandie	-40'286	-33'948	-21'035	-35'000	-35'000		
Managing Contracts	-53'850	-53'850	-5'500	-11'000	-11'000		Keep contract cost low
Eventmanagement	-73'345	-73'345	-60'345	-30'000	-20'000		Discontinued Beni Müller
Workshops	-127'654	-44'952	-16'506	-20'000	-20'000		Apero-riche
Project direct costs	-5'442	-6'338	-26'851	-20'000	-20'000		
Salary	-24'446	-24'686	-30'800	-40'000	-40'000		
Operations	-30'452	-25'154	-14'464	-14'000	-14'000		
One time charges	601	294	-8'206	-	-		
Taxes	-	-1	-247	-	-		
Spent	-354'875	-261'981	-183'954	-170'000	-160'000		
Profit/Loss	-13'084	164'881	-88'044	-5'000	5'000		Breakeven based on volunteer work and EU funding
Cash per 31.12	313'612	426'839	423'333	347'697			2022: Per 31.10.2022

9. Discharge of the board (Vote)

Team



Responsible for Romandie



President



Managing Director

Executive board



Dr. Oliver
Fähnle



Dr. Thomas
Hessler



Dr. Claudia
Hössbacher



Prof. Dr. Ronald
Holtz



Prof. Dr. Kirsten
Moselund



Prof. Dr.
Christophe



Prof. Dr. Frank
Nüesch



Prof. Dr. Valerio
Romano



Ulrich Stärker

10. Advisory Board: members



Gregoire Bagnoud



Prof. Dr. Gian-Luca
Bona



Andreas Conzelmann



Dr. Eckard Deichsel



Prof. Dr. Andreas
Etemeyer



Dr. Sandra Jenatsch



Werner Krüsi



Dr. Stefan Nowak



Dr. Manon Rostykus



Dr. Reinhard Völkel



Prof. Dr. Konrad
Wegener



Dr. Kurt Weingarten



Rene Zünd

11. Future of Swissphotonics:

Focus on staying independent (stopped discussion on merging with others):

- Support individual activities of its members by providing platform for volunteer work
- Low cost offerings
 - Weekly lunch chat, Yoga, A few workshops/year with local funding for free!
- Acquire funding in range of 150'000.-/year: No increase of membership fees!

Photonics Ecosystem:

- Liaisons with other Swiss networks
 - SSOM Photonics: Christophe Moser
 - NTN IB Booster Photonics: Christian Bosshard with Selina Casutt
 - Swissmem Industry Sector Photonics: Ulrich Stärker
 - Serve photonics community separately with complementary services
- Liaisons with international networks
 - EPIC: Christian Bosshard
 - EOS: Olivier Fähnle
 - Photonics21 and Optica: Christoph Harder

11: Future of Swiss photonics: value proposition

• Networking

- Switzerland: From academia to companies, from technology to markets
 - Personal networking with key people in SMEs, Companies, UAS, ETH, EPFL
 - Partner matching for Innosuisse funding, enabling engineer to engineer interaction
- Europe: Personal network with Photonics21, Horizon Europe, Eureka, BestPhorm21, Carla, Photonhub Europe, EPIC, ECOC
- Worldwide: Personal connection with Optica, SPIE, IOA
- E-Mail list with >10'000 contacts (1'000 at member companies)
- More than 200 members

• Labs

- 8 clusters:
 - One stop for industry: Self-coordination of professors working on same technology

• Workshops

- Interactive format on-line and on-site, Providing swiss eco-system

12. Motions/amendments of the members

- **None**

- No motions were submitted in time (close was 21.10.2022)

13. Varia

- None