

Meeting Minutes of 2014 General Assembly of „Swissphotonics“

Meeting location and time

EMPA, St. Gallen, November 25, 2014, 11:30-12:30

Attendance

29 members

Distribution

Board, Swissphotonics Webpage

Agenda

1. Welcome, review of agenda
2. Election of the vote counters and the scribe
3. Review of the meeting minutes of the GA 2013 (March 28, 2013)
4. Annual report (CTI year 2014)
5. Review of achievements towards NTN 2014 goals
6. Annual accounts (calendar year 2013)
7. 2014 accounts update
8. Discharge of the executive board
9. Business plan and budget 2015
10. Votes by the members
11. Miscellaneous

1. Welcome, review of the agenda

Dr. Christoph Harder welcomes the Swissphotonics members to their 2014 annual assembly. No votes with respect to the proposed agenda.

2. Election of the vote counters and the scribe

Election per acclamation of the vote counters:

- Prof. Dr. Martin Krejci and Dr. Jürgen Söchtig

Beni Müller is elected by acclamation to be scribe.

3. Review of the meeting minutes of the GA 2013 (March 28, 2013)

The assembly accepts with acclamation the meeting minutes of the general assembly of March 28, 2013.

It is on-line: http://www.swissphotonics.net/libraries.files/GV_minutes_2013.pdf

4. Annual report (CTI year 2014)

Swissphotonics NTN

- Advocate for Photonics designed for engineers, project leaders and professors (**implementers of policies**)
- Forum for interaction at implementing level
- National and international networking
- Support by:
 - Organizing workshops for engineers, project leaders and professors. In the workshops both technology roadmaps (as desired by marketing and as available by research institutes) will be presented and room and time is available to discuss how to close the gap between both roadmaps.
 - matching partners (SME with institute) for specific challenges
 - encouraging, supporting collaboration between institutes to better support SMEs
 - seed money (to support and enable CTI (and other project) submissions)
 - reviewing CTI project submissions

Collaboration with the Swissmem specialist group „Photonics“

- Advocate for Photonics, designed for CEOs, CTOs and CFOs to set policies at national level (support of innovation, education, trade shows) (**policy setting**)
- Forum for interaction at C-level

Support of innovation in industry (especially SMEs)

- Finding matching research partner
- Collaboration for technology development (institutes, universities)
- Development of projects
 - Seed money to launch new projects
- Individual consulting / support
 - Market data: access to international photonic networks and market studies
 - Funding: contact to funding sources and agencies
 - Patents: 1st level support for questions related to intellectual properties
- Access to public funding (bottom-up and top-down sources)
 - CTI (100 Mio. CHF / year)
 - EU / Horizon 2020, ESA etc. (800 Mio. CHF / year)
 - Open again for academia **and** industry

Members

Increase from 78 to 110 members

<http://www.swissphotonics.net/about-swissphotonics/list-of-members>

Workshops

19 Workshops with around 90 participants (more than 55 % from industry)

Other meetings

Network Apéros, e.g. Photonics West

Seed money checks

14 CTI project proposals have been supported with *seed money*. Amongst them, 7 projects have been granted.

Supported projects

CTI granted 34 Photonics projects with a total budget of 19.7 Mio. CHF.

Swiss National Photonics Labs: concept

- **Swiss industry:** wish for single contact point to handle specific technology requests
- **Research organizations:** interest in coordinating activities (e.g. infrastructure)
- **Swissphotonics:** interest to actively participate in formulating the roadmap for European programs through the European technology Platform *Photonics21*
- **Virtual Labs** that combine relevant and interested partners for a specific topic
- **Leaders** of Swiss National Photonics Labs work with the respective workgroup in the European technology platform *Photonics21*
- **Centers of competence:** combine relevant and interested research organizations for a specific topic
- **Single contact points:** connection to the best suitable partner to handle a specific request:
 - Swiss Nat. Application lab Photonic tools & manufacturing (**SNAP**) – [UAS Windisch](#)
 - Swiss National Optics Platform (**SNOP**) – [UAS Buchs](#)
 - Swiss Photonics Master Education (**SPME**) – [EPFL LAPD Lausanne](#)
 - Swiss National Fiber Laboratory (**SNFL**) – [UAS Burgdorf](#)
 - Swiss PhotoVoltaic Research platform (**SPVR**) – [EMPA Dübendorf](#)
 - Swiss Photonic Packaging Laboratory (**SPPL**) – [CSEM Alpnach](#)
 - Swiss National laboratory for Solid State Lighting (**SSSL**) – [CSEM Muttenz](#)
 - Swiss National Laboratory for Sensing (being started) – [ETH Zürich](#)

Example of Swiss National Photonics Lab

Swiss National Application lab Photonic tools & manufacturing (**SNAP**)

- HES Genève, Prof. Dr. Jacques Richard
- HEC Neuchâtel, Prof. Dr. Herbert Keppner
- EMPA Thun, Prof. Dr. Patrik Hoffmann
- EMPA Dübendorf, Dr. Rolf Brönnimann
- CSEM Alpnach, Dr. Janko Auerswald
- UAS Burgdorf, Prof. Dr. Beat Neuenschwander
- UAS Windisch, Beat Lüscher
- Inspire AG, ETH, Josef Stirnimann

Swissmem: Advocacy for Photonics on C-level (education, policies)

- Active support to build-up the Swissmem specialist group Photonics
- Christoph Harder is board member

- Organization of photonics meetings at Swissmem member sites
- Common participation at trade shows, e.g. Laser World of Photonics in Shanghai China, March 2015

Photonics21

- Swissphotonics is part of the EU network project InnoPho21
- Most Swiss national photonics laboratories are part of a Photonics21 working group
- Dr. Christian Bosshard is member of the Board of Stakeholders

EPIC

- Swissphotonics is member of EPIC; Dr. Kurt Weingarten is board member
- Swissphotonics will host general assembly of EPIC in 2016 in Switzerland
- Day of Photonics 2014: Swissphotonics participated

International Year of Light of UNESCO in 2015

<http://www.light2015.org/Home.html>

- Swissphotonics is official relay and will coordinate with other stakeholders
- Prof. Dr. Andreas Ettemeyer is part of the corresponding workgroup of Swissmem

IOA

- Photonic industry organizations from Japan, Korea, Taiwan, USA, Canada, Germany Scotland and Switzerland present their market analysis and technology roadmaps at annual meetings.
- Swissphotonics takes active part in these meetings.

Advantages of a membership at Swissphotonics

- Seed money checks to launch new CTI projects
- Free access to market studies
- Preview of CTI proposals and suggestions for improvements. Advocacy at CTI experts
- Access to information from Photonics 21 and EPIC
- EPIC offer: 50 % fee reduction for new memberships until March 2015

Recently completed and planned workshops

30.10.2014	Large Area SSL in MuttENZ (SSSL)
13.11.2014	Laser machining of ultra-hard materials in Zurich (SNAP)
25.11.2014	Additive manufacturing in St. Gallen (SNAP) in conjunction with GA
15.01.2015	Optical Gas Sensing in Dübendorf (SNOS)
June 2015	Photonics packaging for harsh environments (SPPL) in Alpnach
June 2015	EPMT 2015 in Genève (SNAP)
Autumn 2015	Workshop around the EU Project APPOLO
2015	3 Workshops from NTB-POW in Buchs (SNOP)

General objective: Each national lab should organize **one** workshop each year!

5. Review of achievements towards NTN 2014 goals

Objectives and results

- Nearly 100% achievements
- Income: Funding and Bonus: about 350'000 CHF
- CTI believes in the concept of National Photonics Labs
- CTI proposes to accelerate implementation of concepts

- Stable financial situation with balanced budget until 2016
- Financial support of this NTN from CTI might stop after 2016
- Self funding of Swissphotonics is about 20% (70'000 CHF / year) derived from member fees and Photonics21 (50:50 split)

6. Annual accounts (calendar year 2013)

The annual financial statement closes with a loss of 44'715.66 CHF.

The annual financial statement has been controlled by the revisers Prof. Dr. Konrad Wegener, ETHZ and Dr. Eric Boillat, EPFL. They recommend to the assembly approval of the annual accounts.

7. 2014 accounts update

After $\frac{3}{4}$ of the accounting year the board estimates a financial loss of 48'721.62 CHF. The reason for this unbudgeted loss is caused by the fact that the Bonus paid to Swissphotonics from CTI overrides the tax exemption otherwise applicable for associations. The board estimates taxes of approximately 44'000 CHF.

8. Discharge of the executive board

The general assembly discharges the executive board for the

- annual financial statement 2013
- for the CTI budget year from October 2013 until September 2014

Vote: Approval: 29, Disapproval: 0, Abstention: 0

9. Business plan and budget 2015

The new budget foresees a loss of about 400'000 CHF. This amount corresponds to the funding granted for the national labs.

Due to the planned loss within 2015 tax liabilities can be avoided.

Vote: Approval: 29, Disapproval: 0, Abstention: 0

10. Votes by the members

No applications by the members.

11. Miscellaneous

No requests to speak.

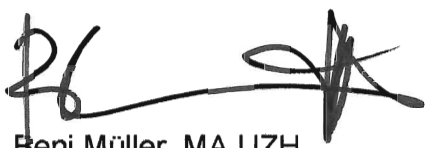
Signatures for the protocol



Dr. Christoph Harder
President



Dr. Christian Bosshard
Board member, CEO



Beni Müller, MA UZH
Scribe