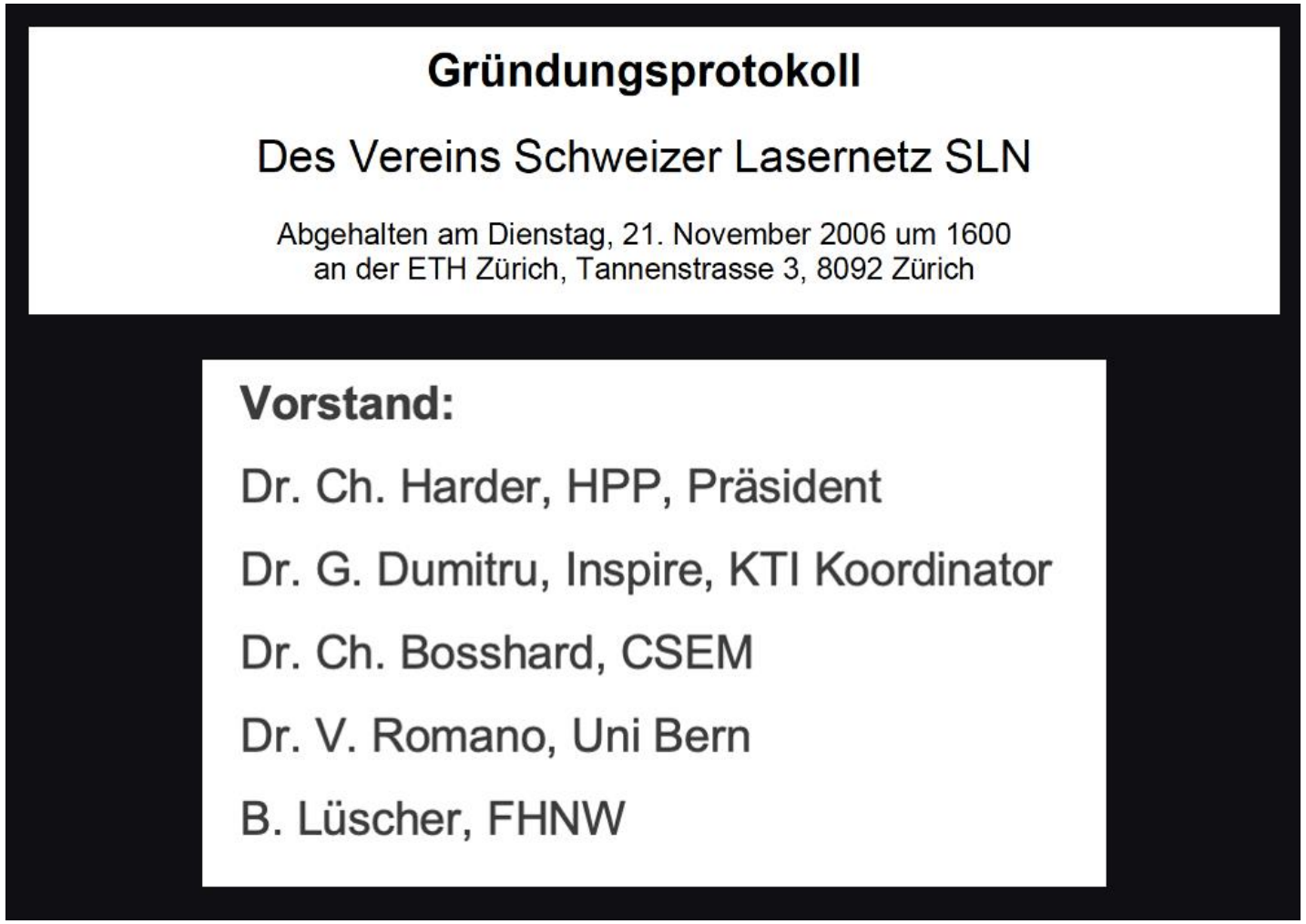
20 YEARS SWISS PHOTONICS

20+ years of

Photonics in Switzerland

2006



Gründungsprotokoll

Des Vereins Schweizer Lasernetz SLN

Abgehalten am Dienstag, 21. November 2006 um 1600
an der ETH Zürich, Tannenstrasse 3, 8092 Zürich

Vorstand:

Dr. Ch. Harder, HPP, Präsident

Dr. G. Dumitru, Inspire, KTI Koordinator

Dr. Ch. Bosshard, CSEM

Dr. V. Romano, Uni Bern

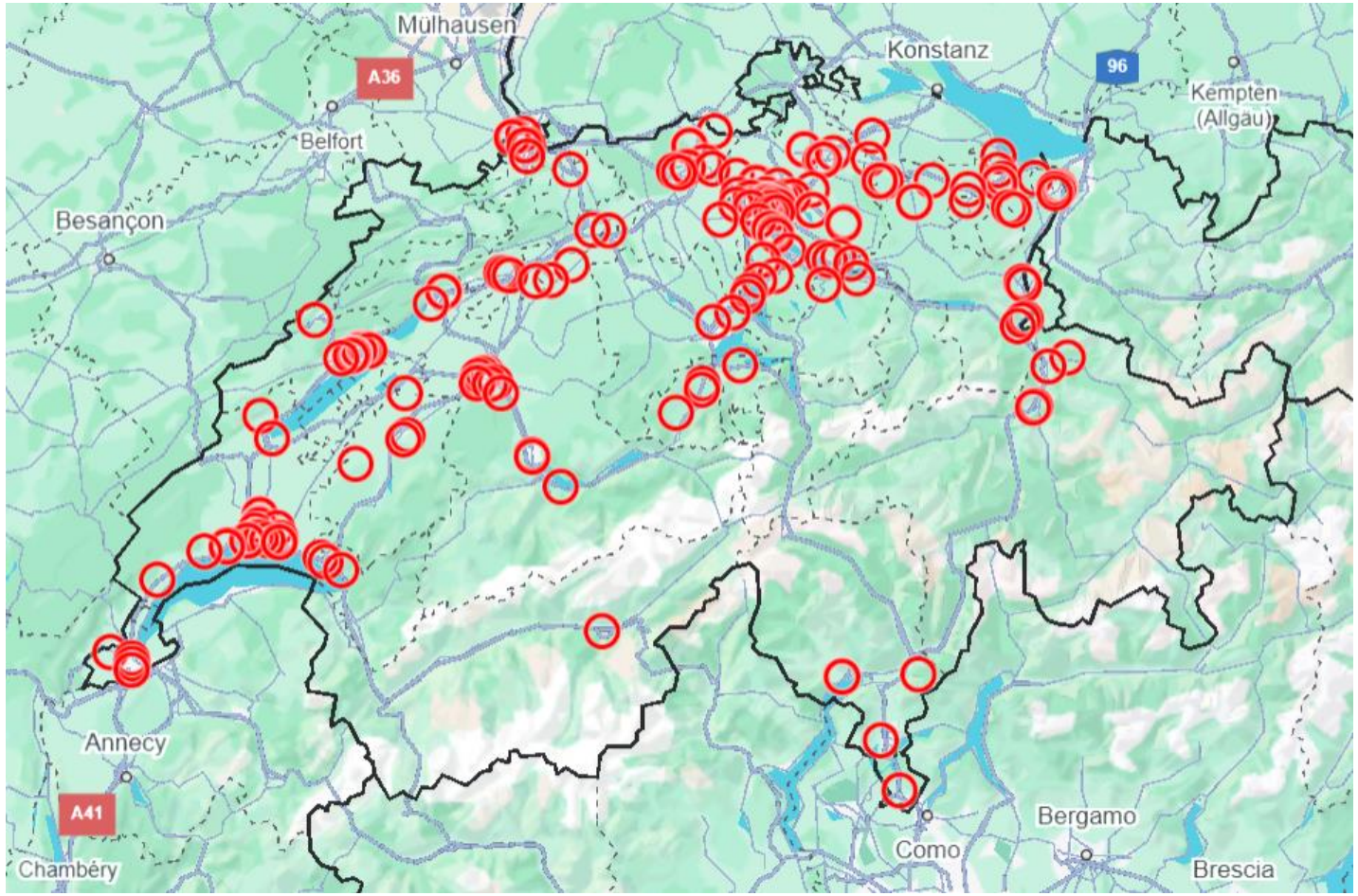
B. Lüscher, FHNW

2007: 8 members

2008: 44 members

Swiss Photonics Ecosystem today

A photonics cluster



>210

paying members

ETH, EPFL, PSI, CSEM, EMPA, …

€ 5.6 billion

Revenue from photonic components
and subassemblies

Tematys

CHF 85 billion

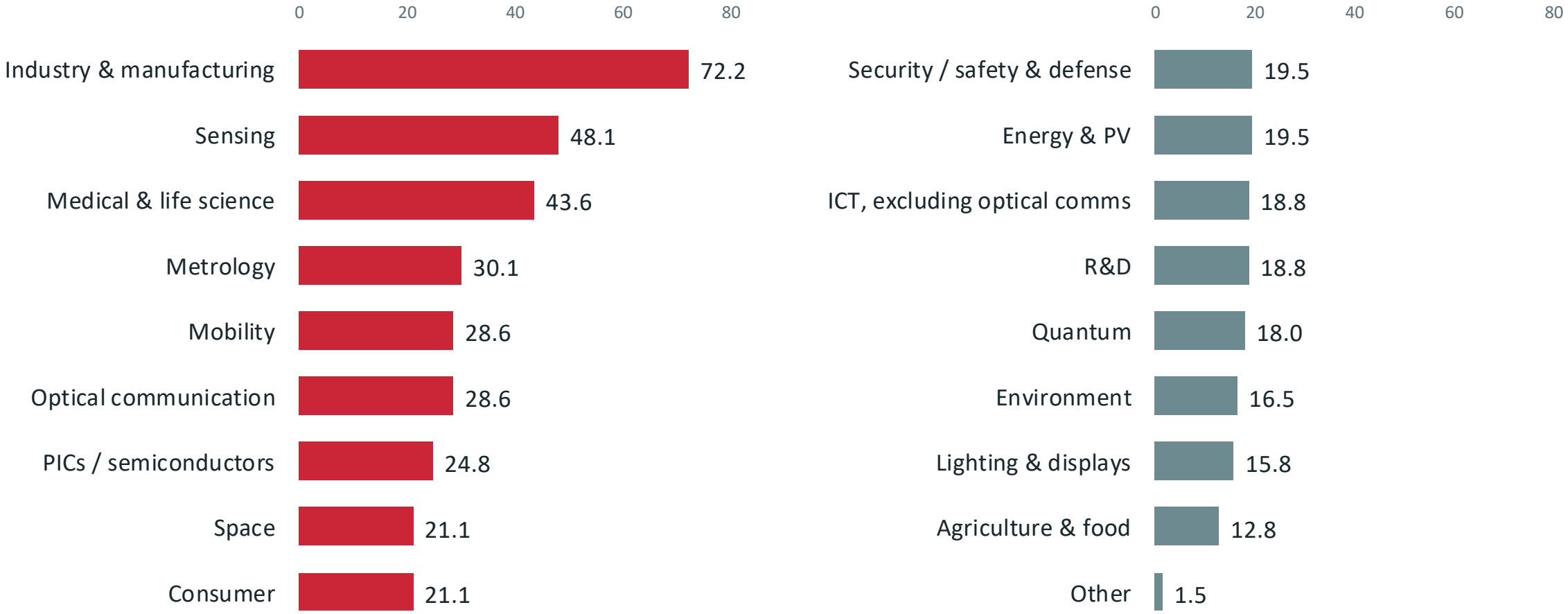
Exports powered by photonics
>10% of Swiss GDP

Christian Thoeny

SWISSMEM

Swiss companies by photonics segment

Share of companies involved (%)



Companies can participate in more than one segment.

Light sources





















and many more

Light manipulation

Lenses/diffractive optics

SUSS MicroOptics → FOCUSLIGHT Never stop exploring | HEPTAGON → FOCUSLIGHT Never stop exploring

a::etris

FEMTOPRINT 3D PRINTING FOR GLASS MICRODEVICES

FISBA Innovators in Photonics

IMT

MATERION // BALZERS OPTICS

SWISSOPTIC A member of the JENOPTIK Group

voxpl Light. Insight. Life.

WZWOPTICAG Swiss Precision Optics

XRnanotech

optotune

3D:AG

NIL TECHNOLOGY

PANDAO From optics to fabrication

Waveguides/fibers

DIAMOND the fiber meeting

R&M

HUBER+SUHNER Excellence in Connectivity Solutions

LIGENTEC

vario-optics ag

VERSICS

LIGHTIUM

Lumiphase

pointcloud

omnisens Securing asset integrity

LXT

CCRAFT

EDWATEC

POLARITON TECHNOLOGIES → MARVELL

DEEPLIGHT™

enlightra

Varia

IDQ → IONQ

ZuriQ

Swiss PIC Swiss Photonics Integration Center

and many more

Light detection / Sensing

















and many more

Highlights

SESSION	SPEAKER
Chair & Introduction	**Christian Bosshard** Swissphotonics
The future looks familiar — until it doesn’t - From phones that learned to see to glasses that may learn to understand	**Markus Rossi** Alphalum
How Tunable Optics Impacts and Benefits Our Lives	**David Leuenberger** Optotune
From Leading Devices to Commercial Success	**Isabella Jung Ewert** Hamamatsu Photonics
Quantum: the birth of an industry	**Gregoire Ribordy** ID Quantique