



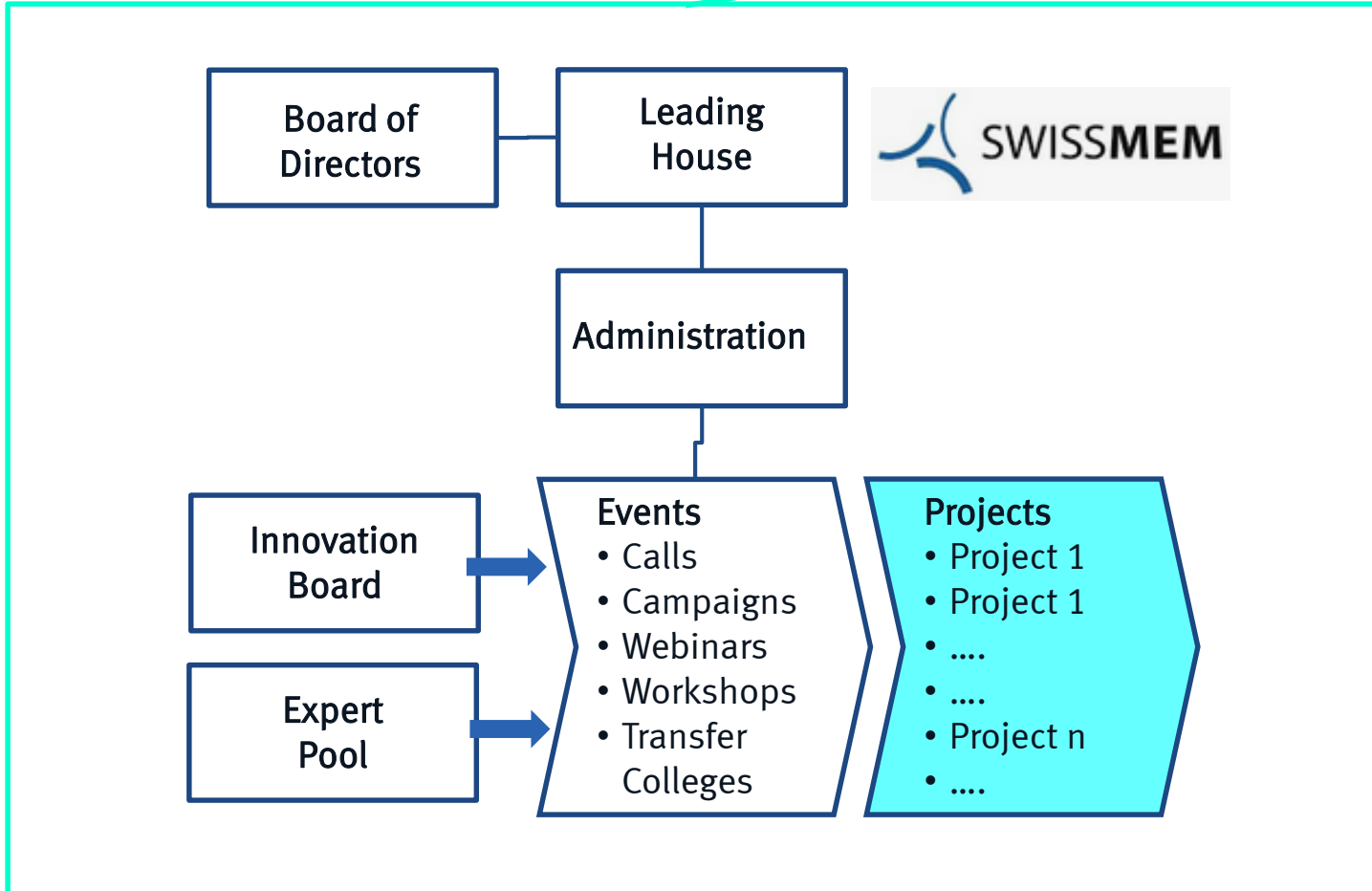
Introduction NTN Inno-Booster Photonics

- Werner Krüsi
- Jörg Güttinger
- Selina Casutt

SWISS PHOTONICS

28.9.2021





Werner Krüsi



Larissa Makowski



Selina Casutt



Jörg Güttinger



Nicolas Degen



Robert Rudolph



HOW DO YOU GET INVOLVED



INSPIRATION

Virtual Ideation-Workshops

Webinars

[More →](#)

On site Ideation-Workshops

Physically Present Events

[More →](#)

Web-based Ideation

Explore our active Channels and running Campaigns. Contribute your ideas and suggestions. Become part of the virtual Ideation process.

[More →](#)

Direct Ideation-Applications

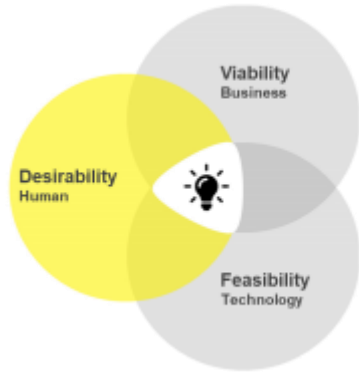
individual, bottom-up

[More →](#)



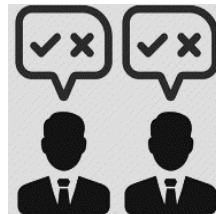
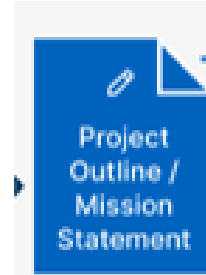
IDEATION

INSPIRATION



Decision Criteria

- Unmet need?
- Promising multi-solution approach?
- Team with adequate skillset profile?
- Level of innovation?



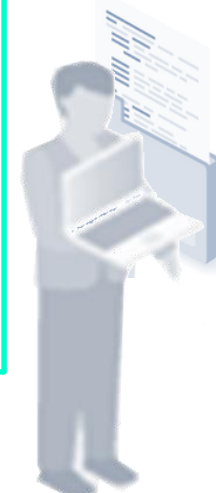
Evaluation of Mission Statements

Grant between CHF 10,000 - 25,000



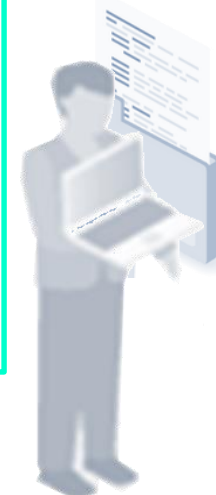
IDEATION

- Derive hypotheses
- Test hypotheses & Idea(s)
- **Statement on potential value** to pursue the idea(s) as full development Project



IMPLEMENTATION

- Idea-test review & controlling
- Lessons learned
- Support for initiation follow-up project

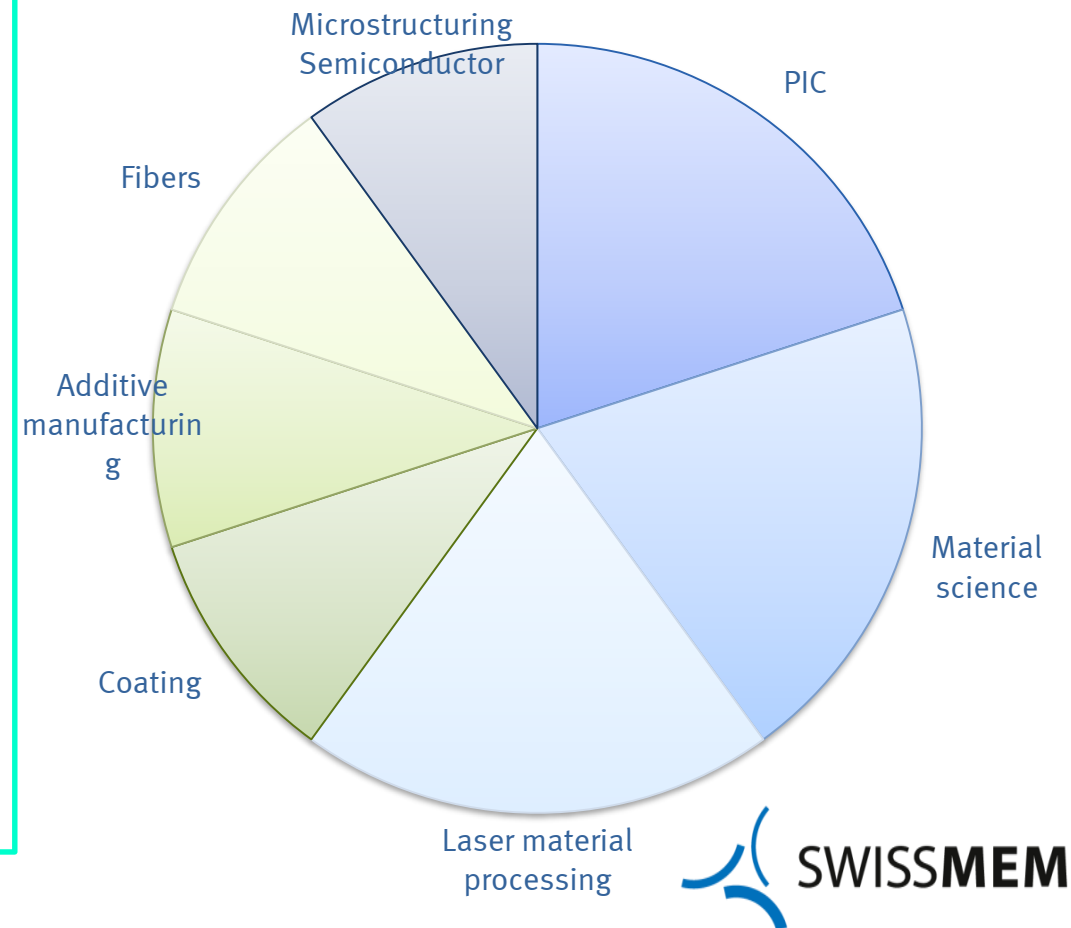




STATUS PROJECT OVERVIEW

- ~10 project applications in progress
- Completed: 1 project completed
-> will be followed by an Innosuisse project and 2 projects close to completion
- Target: 12 projects completed / year

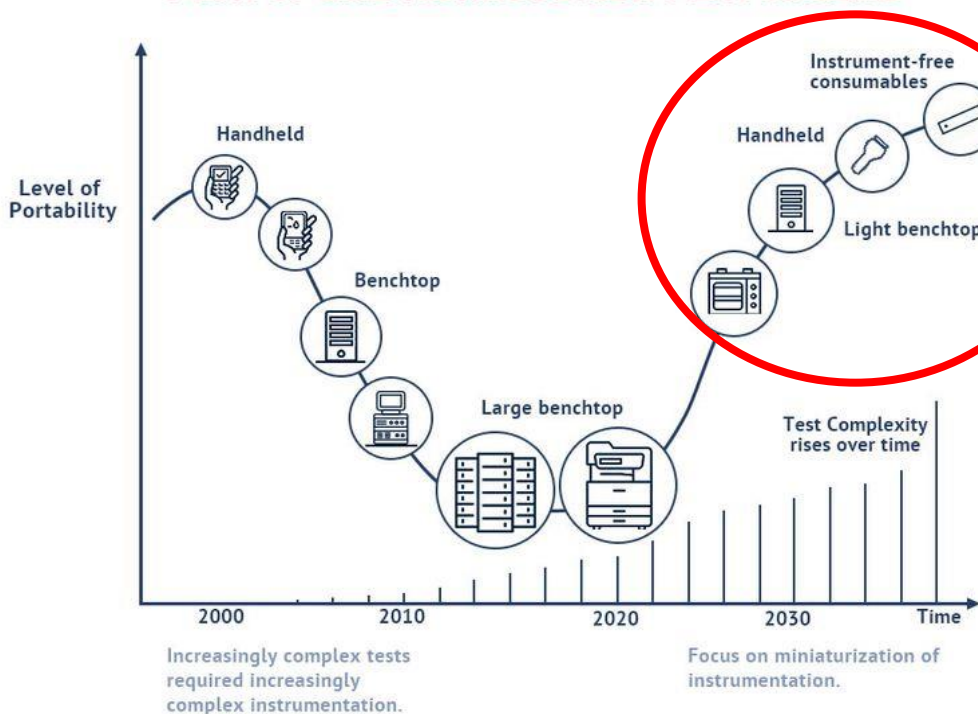
TOPICAL FIELDS



IB Photonics Workshop-Serie on PIC-Integration:

WS #1 – 6 December 2021: Integrated Photonics: Key element for future Point of Care applications

POINT OF CARE TESTING DEVELOPMENT TIMELINE



Potential topics to be discussed

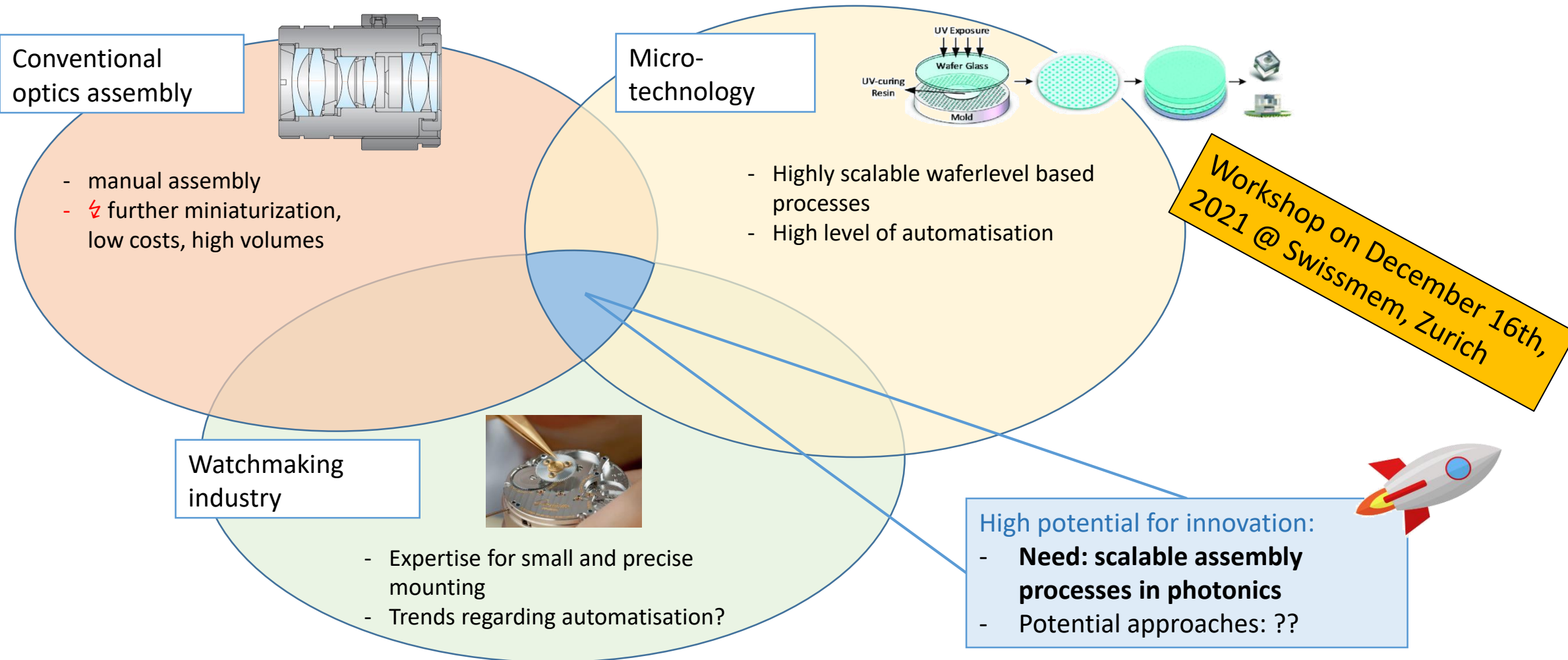
Emitters for POCT in clinical diagnostics enabled by low-cost integrated photonics solution architectures.

Miniaturization of imaging solutions maintaining high sensitivity and spatial resolution @ low system cost

Mixed photonics readout-modalities in clinical diagnostics to achieve low-cost, compact solutions for high degrees of biological multiplexed analytics

New classes of disposable devices using “green” materials for sustainable, biodegradable and low-cost production.

Workshop announcement: «Microassembly of photonics-components and –modules»





Communication and Promotion

Website www.ntnphotonics.ch

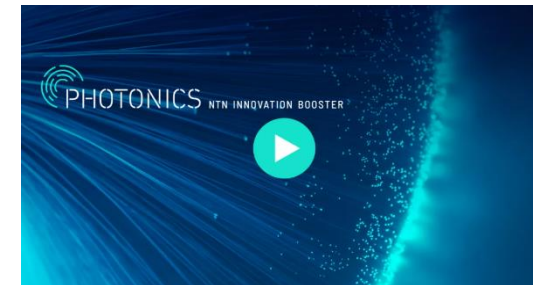
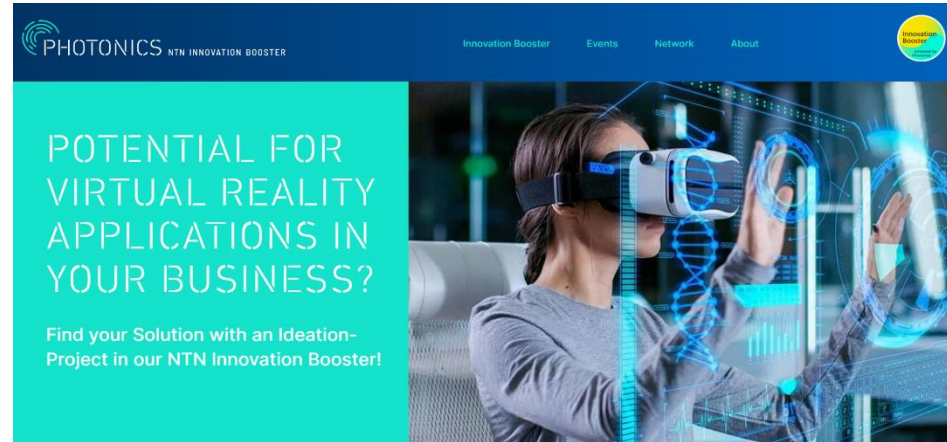
Newsletter

Profile on Google Business

Profile Video

[NTN IB Photonics Portrait - YouTube](#)

Social Media – Twitter, LinkedIn





From concept and design to prototype & testing

www.ntnphotonics.ch



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PHOTONICS

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