

Innosuisse Innovation checks

Photonics solutions can help you to solve your innovation problem

- Photonics is an enabling cross-market discipline
(many SMEs can profit from optical measurement and manufacturing systems)
- Photonics is a game changer towards digital transformation in industry
(sensing & manufacturing)
- System and design thinking are intrinsic core competencies to be mastered in photonic problem-solving approaches.
- Photonics is enabling innovation through miniaturization and its highly parallel information acquisition and processing potential.

How Swissphotonics can help you boost your innovations

- Consulting and match-making to find best suited research partners for Innovation check proposals.
- Access to system and design thinking competence centers to support
 - Defining the relevant optical problem to be addressed in the pre-study
 - Cross-disciplinary consortia to add the necessary optics / photonics competence to the consortium
- Access to industry 4.0 expert clusters that can support business process innovations by application of optical technology solutions to manufacturing, supply chain and logistics topics including
 - Optical quality assurance
 - Optical tracking / advanced image analysis
 - Additive manufacturing & micro-machining

Swissphotonics member experience

«The membership in Swissphotonics enabled us to identify a research partner for an Innovation check project, which led to the submission of an Innosuisse project application right after closing of the Innovation check. Interdisciplinary knowledge exchange and out-of-the-box thinking of other Swissphotonics members facilitated the drafting of the overall project outline and project goals.»

Lukas Krainer (CEO Prospective Instruments)

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