



Molecular Ultrafast  
Science and Technology

National Center of Competence in Research



# Femtosecond Energy Harvesting and Storage

Joint NCCR MUST & SLN Workshop



SLN, [www.swisslaser.net](http://www.swisslaser.net)

is supported by CTI, the

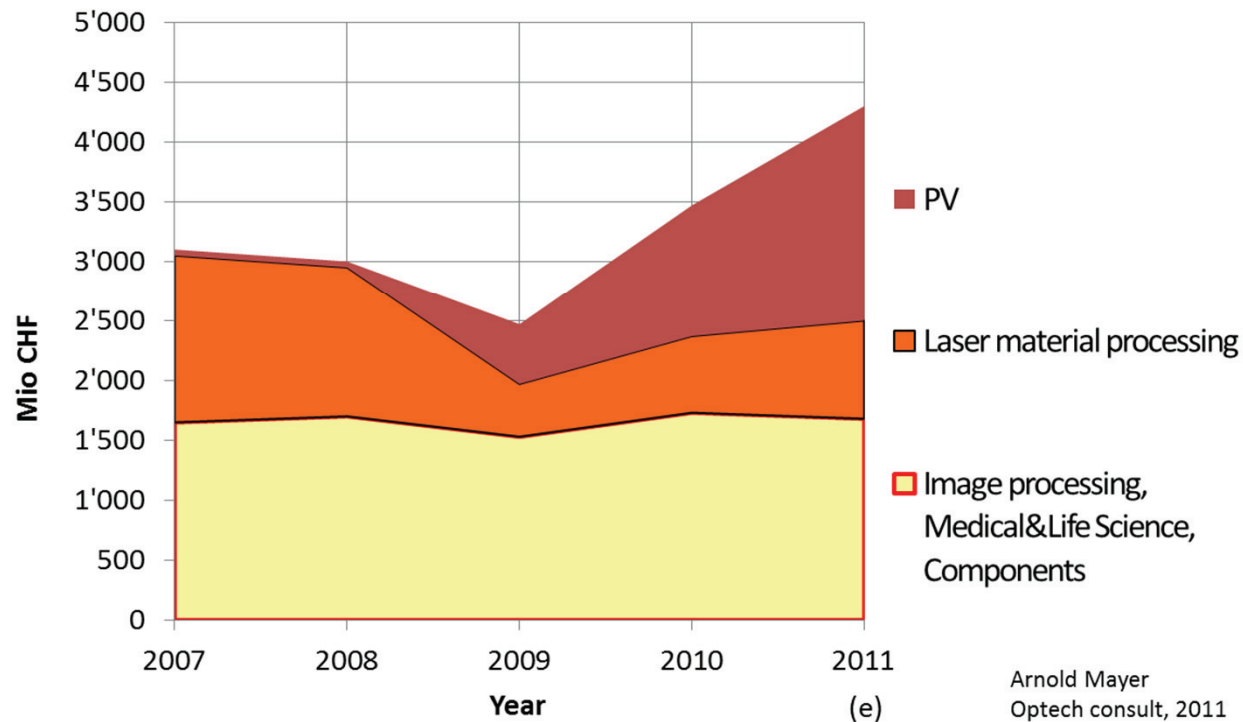
Swiss Commission for Technology and Innovation



SWISS NATIONAL SCIENCE FOUNDATION

The National Centres of Competence in Research (NCCR) are a research instrument of the Swiss National Science Foundation

# Swiss Photonics Industry



- 4.5 BCHF/year, 20'000 people employed, 10 % of BIP enabled by Photonics
- #2 in Europe per capita (according to Optech Consult)
- **Solar energy:** Rapid growth
- **Image processing, Medical & Life Science, Components:** Stable

## Femtosecond energy harvesting and storage

12:30	Welcome Coffee	Sponsored by SLN
13:30	Dr. Christoph Harder President SLN	Welcome and Moderation
13:40	Prof. Dr. Hubert Girault EPFL LEPA	Femtosecond energy harvesting and storage: An overview
14:00	Prof. Dr. Demetri Psaltis EPFL LO	Optofluidics for Solar Energy
14:20	Prof. Dr. Jacques-Eduard Moser EPFL GDP	Third-generation photovoltaic cells: Beyond the present state-of-the-art
14:40	Prof. Dr. Natalia Del Fatti Université de Lyon LASIM	Ultrafast nonlinear plasmonics in metallic and hybrid nanoparticles
15:10	Networking Break	Sponsored by SLN

## Femtosecond energy harvesting and storage

**15:10 Networking Break**

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15:40 Dr. Tony Kaiser  
Consenec AG

Challenges of the nuclear phase-out in  
Switzerland

16:00 Dr. Jan Dorn  
CAN GmbH, Hamburg

Nanomaterials for energy conversion and  
energy harvesting

16:30 Prof. Dr. Hans B. Püttgen  
EPFL CEN

Future of PV in Switzerland: Policy and  
incentives

**16:50 Apéro Riche**

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