

# Introduction

Dr. Christoph Harder, President

Swisslaser.Net

November 26, 2009



# 2008 Activity report: Membership

GV	Industrie& Vereine	Forschung	Einzel	Total
2008	25	14	5	44
2009	34	16	5	55

- The number of members has again increased.
- In 2009 we had 2 retirements (regrettably).

# 2008 Activity Report: CTI Projects

Jahr	KTI-Projekte	Ziel KTI	Auftragseingang	Bonusberechtigt	Bonus
2007	2	800'000.-	1'554'835.-	1'554'835.-	120'000.- (Kostendach)
2008	7	2'800'000.-	4'254'186.-	3'119'618.-	389'328.-
2009	11 (16.11.09)	3'300'000.-	7'000'000.- (Prognose)	6'000'000.- (Prognose)	450'000.- (Kostendach)

- 2009: 16 submitted CTI proposals, 11 accepted, 1 refused and 4 are still in evaluation.
- Almost doubling of the bonus relevant project sum every year. This will not be continued in 2010.

# 2010 Goals

- Move from Swisslaser to SLN Swiss Laser and photonic network
- Increase service for members
  - Lobby for extension of “stabilisation program” conditions
  - 100kFr./year seed money
  - EPMT
  - Six workshops
    - Datacom, Measuring, Organic, cold material processing, SNAP, ?
  - Bring EU projects closer
  - Arrange courses with partners
- Go for CTI projects sum of around 4Mio

# 8. Elections

- Executive board:
  - president:
    - Dr. Christoph Harder (bisher)
  - Managing director
    - Dr. Beat Neuenschwander (bisher/Bestätigung)
  - Research members
    - Dr. Valerio Romano, Uni Bern (bisher)
    - Dr. Christian Bosshard, CSEM (bisher)
    - Beat Lüscher, FHNW (bisher)
    - Sandra Pochon, NCCR QP (neu)
  - Industrial members
    - Dr. Gabriel Dumitru, BCI Group (bisher)
- Financial controller:
  - Prof. Dr. Konrad Wegener, inspire (bisher)
  - Dr. Eric Boillat, EPFL (bisher)

# Workshop: High Brightness Lasers and their Applications

## Speakers

Dr. Franz Baumberger	BFH IT	Wellcome from BFH TI
Dr. Christoph Harder	Swisslaser.net	Introduction
Prof. Dr. Thomas Feurer	IAP Uni Bern	Overview and Trends
Dr. Eric Mottay	Amplitude Systems	Pulsed Fiber Lasers
Beat Sidler	Trumpf	High Power Disc Lasers
Dr. Ulrich Dürr	LASAG	Rod- versus Fiberlaser in thermal laser microprocessing
Dipl. Ing. Michael Grupp	Grupp IPG Photonics	High Power Fiber Lasers and Applications
Dr. Alexandre Pauchard	Synova SA	Laser MicroJet
Dr. Andreas Lüdi	Bystronic Laser AG	Sheet Metal Cutting with Fiber Lasers
Dr. Kurt Weingarten	Time Bandwidth Products	Precision Cold Ablation Material Processing using High-Power Picosecond Lasers