



Workshop High Brightness Laser Sources and their Applications

**Thursday 26 November 2009,
Berner Fachhochschule Burgdorf, Auditorium**

In recent years the development of high brightness laser sources has forged ahead in big steps. Today, the user can choose between several high power laser concepts for his specific application. The goal of this workshop is to present typical applications for the different high brightness laser concepts and to qualify them with respect to the results obtained with conventional laser sources.

Language: Englisch

Deadline: 20 November 2009, 12:00 am

Program

13:00 - 13:30	Arrival and Coffee
13:30 - 17:05	Talks; incl. 30 min Networking Break
17:10 - 19:00	Apéro Riche

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