

## Stuttgart Laser Technology Forum 13 - 14 June 2012



### Stuttgart Laser Technology Forum 2012

### Trade Fair Centre Stuttgart (Airport)

- ◆ Facts and trends in industrial lasers and applications
- ◆ International forum for excellent knowledge transfer
- ◆ Get together of experts and users
- ◆ Emphasis on scientific presentations

## SLT ..... SLT 2012 Program Overview .....

Welcome and SLT Key Note	
Technological and political trends in industrial laser applications	
Cutting	High peak power Laser sources
Fair and Lunch	
Welding	High peak power Laser sources
Diagnostics and modeling	Beam delivery
IFSWS evening reception	

### Wednesday 13 June 2012

- ◆ Introduction with prominent speakers
- ◆ Technological and political trends in industrial laser applications
- ◆ State-of-the-art in macro processing and high peak power laser sources
- ◆ Visit the IFSW X-ray facility

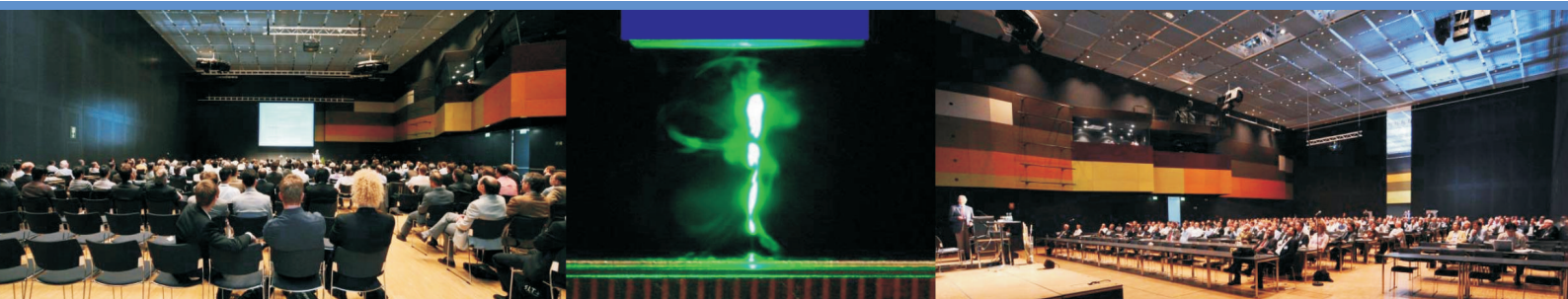
### Thursday 14 June 2012

- ◆ Focus on carbon-fiber-reinforced plastic (CFRP)
- ◆ Challenges in CFRP laser processing
- ◆ State-of-the-art in micro processing and high average power laser sources
- ◆ Beam shaping: key for high-quality processing

Focus on CFRP Applications and processing	
CFRP laser processing	High average power Laser sources
Fair and Lunch	
Laser processing of advanced materials	High average power Laser sources
Micro drilling and structuring	Beam shaping

We look forward to your visit!

Prof. Dr. Thomas Graf, Head of IFSW  
Dr. Rudolf Weber, Head of Process Development



## Stuttgart Laser Technology Forum 2012

### Organizer

Institut für Strahlwerkzeuge (IFSWS)  
der Universität Stuttgart



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13 - 14 June 2012  
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### Venue

Trade Fair Centre Stuttgart (Airport)

### Together with LASYS

International trade fair for laser material processing  
12 - 14 June 2012  
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