

APPLICATION PANEL PICO- & FEMTOSECOND LASERS STATUS & PROSPECTS



LASER World of Photonics Hall B3



LOCATION

LASER World of Photonics
Munich Trade Fair Center
Forum Hall B3

ADMISSION

Attending the application panels is free of charge. You must purchase an admission ticket to LASER World of PHOTONICS 2017 to gain admission to the halls. The fair is the perfect opportunity to combine expanding your knowledge with making business contacts.

CONTACT

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APPLICATION PANEL

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Sources of ultrashort and high peak power optical pulses improve existing and enable new applications in science and industry. Considerable progress has been made to realize reliable and highly efficient femtosecond and picosecond sources based on diode pumped solid state and fiber technology. Using novel laser concepts, output powers exceeding the kW level have been demonstrated for these systems even in femtosecond pulse operation. This panel provides an overview about the recent progress in performance scaling. The panel enables you to compare state of the art laser concepts for operation in industrial environment. The presentations will be given by selected speakers of international market leaders in the field of ultrafast lasers.

Chairmen:



Dr. Thomas
Rettich
*TRUMPF GmbH
+ Co. KG*



Prof. Dr.
Andreas
Tünnermann
Fraunhofer IOF



Hans-Dieter
Hoffmann
Fraunhofer ILT

Program application panel

PICO- AND FEMTOSECOND LASERS - STATUS AND PROSPECTS

Forum Hall B3

Tuesday, June 27, 2017

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|-----------|---|-----------|--|
| 2.40 p.m. | Hans-Dieter Hoffmann, Fraunhofer ILT
Welcome and Opening | 3.54 p.m. | Dr. Claus Schnitzler, AMPHOS GmbH
High power fs Lasers for science and industry |
| 2.42 p.m. | Prof. Dr. Andreas Tünnermann, Fraunhofer IOF
Industrial perspectives of ultrafast fiber lasers | 4.12 p.m. | Joris van Nuen, Coherent
Optimized ps and fs lasers for industrial materials processing |
| 3.00 p.m. | Dr. Dirk Sutter, TRUMPF Laser GmbH
Industrial Ultrafast Lasers incl. Fiber Delivery | 4.30 p.m. | Dr. Tino Eidam, Active Fiber Systems GmbH
Fiber-based high-performance ultrafast laser systems |
| 3.18 p.m. | Dr. Clemens Hönninger, Amplitude Systems
100-W class industrial femtosecond lasers for high throughput applications | 4.48 p.m. | Speakers Corner |
| 3.36 p.m. | Dr. Keming Du, EdgeWave GmbH
Industrial high power lasers with pulse duration from ns to fs | 5.00 p.m. | Party at Fraunhofer Booth B3.327 |