

APPLICATION PANEL CW DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS



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 2019 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

CW DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS

Diode pumped solid state lasers and fiber lasers are established laser technologies which are attractive for various applications in science and industry. This panel presents recent developments and current trends in the field of high power lasers for industrial purposes. Significant improvements in efficiency as well as robustness and reliability are central topics. The presentations cover CW lasers, pulsed lasers in the microsecond and nanosecond range, and the generation of green and ultraviolet light at high average power. The panel enables you to get an overview and to compare state of the art laser technologies suitable to operate in industrial environments. The presentations will be given by selected speakers of international market leaders in the field of high power lasers.

Chairmen:



Dipl.-Ing.
Frank Gäbler
Coherent Inc.



Prof. Dr.
Andreas
Tünnermann
Fraunhofer IOF



Dipl.-Ing.
Hans-Dieter
Hoffmann
Fraunhofer ILT

Program application panel

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Forum Hall B3

Monday, June 24, 2019

2:40 p.m. Dipl.-Ing. Hans-Dieter Hoffmann, Fraunhofer ILT
Welcome and Opening

2:50 p.m. Dr. Sebastian Zaske, TRUMPF GmbH + Co. KG
kW Class Green CW and QCW Lasers for Industrial Applications

3:05 p.m. Andreas Siewert, IPG Laser GmbH
The Latest Generation of High Power CW, QCW, and Green Fiber Lasers

3:20 p.m. Jarno Kangastupa, Coherent Inc.
High Average Power Adjustable Ring Mode Lasers with Excellent Beam Quality

3:35 p.m. Dr. Christophe Codemard, SPI Lasers Ltd.
High-Power High-Brightness Fiber Lasers with Reconfigurable Beam Profile

3:50 p.m. Dr. Dahv Kliner, nLight Inc.
Corona Fiber Lasers: Real-Time Programmable Beam Quality for Optimized Materials Processing

4:05 p.m. Dr. Martin Enderlein, TOPTICA Projects GmbH
High-Power Yellow Lasers as Sodium Guide Stars for Astronomy

4:20 p.m. Dr. Dirk Ehm, Carl Zeiss SMT GmbH
Optics for EUV Lithography

4:35 p.m. **Speakers Corner**