

JUNE 24, 2019, MESSE MÜNCHEN, FORUM HALL B3

## 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

## CW DIODE PUMPED SOLID STATE LASERS AND FIBER LASERS

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**