



**Fraunhofer**  
IWS

# 12<sup>th</sup> International Summer School

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**Trends and new developments in  
Laser Technology**

**August 28 – September 1, 2023  
Fraunhofer IWS | Dresden**



**TECHNISCHE  
UNIVERSITÄT  
DRESDEN**



**CAMP**  
CENTER FOR ADVANCED  
MICRO-PHOTONICS

# 12<sup>th</sup> International Summer School:

## Trends and new developments in Laser Technology

The five days workshop aims to bring together undergraduate and PhD students in an intensive study program on fundamental and applied aspects of laser technology. The program consists of lectures by renowned experts and informal discussion sessions, as well as practical insights. Participants are encouraged to present their own research topics and to exchange new ideas.

### Topics

- Surface hardening technologies
- High speed 2D laser cutting
- Laser welding
- Additive manufacturing processes
- Applications of ultra short pulsed lasers
- Laser process simulation
- Laser micro/nano structuring
- Laser interference patterning

### Fees

- Companies and non-students: 290€
- University students: 90€ | TU Dresden students: free

**Registration deadline: July 17, 2023**

### More Information



[s.fhg.de/ISS2023](https://s.fhg.de/ISS2023)

### Sponsors

