



Fraunhofer
IWS

15th International Summer School

Trends and New Developments in
Laser Technology

August 24–28, 2026
Fraunhofer IWS | Dresden



15th 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.

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: 350 EUR
- University students: 150 EUR
- TU Dresden students: Please contact the event organizing team

Registration Deadline: June 12, 2026

More Information



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