The Technische Universität Dresden and the Fraunhofer Institute for Material and Beam Technology (IWS) organizes for the seventh time the International Summer School "Trends and new developments in Laser Technology" from August 27 until 31, 2018. This one-week International Summer School aims to bring together undergraduate and PhD students for an intensive programme of study on fundamental and applied aspects of laser technology.

The main programme consists of lectures by renowned experts, supplemented by poster presentations and informal discussion sessions, as well as practices in the laboratory. The course aims to enable the exchange of new ideas across these fields.

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

In addition, the programme will include:
- Participant presentations (15 minutes)
- 4 practices at IWS laboratories

Summer school fees
University students: 60 €
(students from the Technische Universität Dresden: 0 €)
Companies and non-students: 220 €

Deadlines
Registration: June 15, 2018
Submission of participant presentation title (optional): June 15, 2018
Acceptance notification of authors: July 1, 2018

Online registration:
www.iws.fraunhofer.de/summerschool

Associated Partner

Summer School Chairman
Prof. Andrés Lasagni
Chair for Large Area Based Surface Structuring, Technische Universität Dresden

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