

SLT  
2020

## Registration Fees and Early Bird Discounts

### Registration fee for 1 day (16 June or 17 June 2020)

Early bird (10% discount until 16 May)	598* Euro
Regular	665* Euro

### Registration fee for 2 days (16 June and 17 June 2020)

Early bird (10% discount until 16 May)	895* Euro
Regular	995* Euro

\* All prices plus 19% VAT.

Special rates available for students. For more information please contact Heidi-Maria Götz at the IFSW.

Lunch, beverages and coffee breaks are included in the conference fees. You will receive a book of abstracts and free admission to the SLT evening event at the Institut für Strahlwerkzeuge at the University of Stuttgart. The fees also include free entrance to the LASYS fair from 16 June until 18 June 2020.

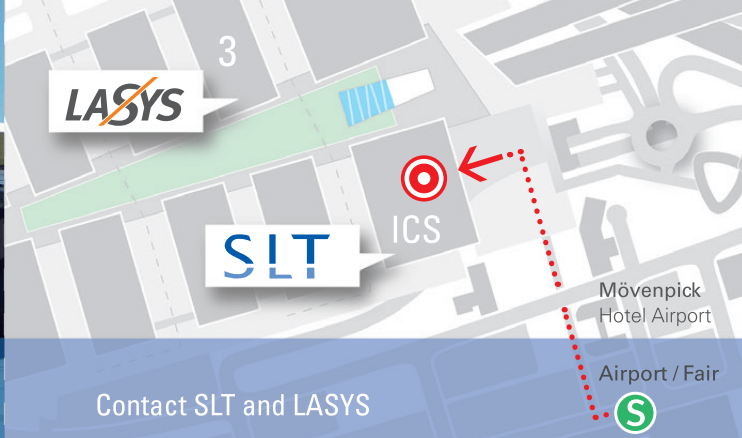
### Online Registration

<https://slt-registration.de>

### Date and Venue

16 June – 17 June 2020  
Trade Fair Centre Stuttgart (Airport)  
ICS (International Congress Center Stuttgart)

For more information please visit  
[www.slt.uni-stuttgart.de](http://www.slt.uni-stuttgart.de)



## Contact SLT and LASYS

**IFSW**

SLT 2020 Organizer

Institut für Strahlwerkzeuge (IFSW)  
University of Stuttgart

Any questions on the SLT conference  
should be addressed to:

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Any questions on the LASYS fair  
should be addressed to:

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[www.lasys-fair.com](http://www.lasys-fair.com)

### Media Partners

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University of Stuttgart  
Germany



CONFERENCE  
ANNOUNCEMENT

**SLT 2020**

16 June – 17 June

facts and

trends in

industrial lasers

and

applications

**STUTT GART**

**LASER**

**TECHNOLOGY**

**FORUM**

VENUE –

TRADE FAIR

CENTRE STUTTGART

(AIRPORT)

→ [www.slt.uni-stuttgart.de](http://www.slt.uni-stuttgart.de)

**IFSW**



Stuttgart Laser Technology Forum

## Program Overview

### Tuesday, 16 June 2020

1

08:15 – 09:00	Registration and Coffee
09:00 – 10:30	<b>SLT Plenary</b> Welcome and SLT 2020 Keynote
10:30 – 11:15	<b>COFFEE BREAK</b> ☕
11:15 – 12:30	<b>SLT Session I</b> <b>A</b> <i>Process Improvement using Shaped Laser Beams</i> <b>B</b> <i>High Power and High Energy Ultrafast Lasers</i>
12:30 – 14:15	<b>LUNCH AND LASYS VISIT</b> 🍴
14:15 – 15:30	<b>SLT Session II</b> <b>A</b> <i>Laser Processing with Very High Average Powers</i> <b>B</b> <i>Ultrafast Scanners</i>
15:30 – 16:10	<b>COFFEE BREAK</b> ☕
16:10 – 17:25	<b>SLT Session III</b> <b>A</b> <i>Process Fundamentals of Additive Manufacturing and Welding</i> <b>B</b> <i>Beam Delivery for High Power Lasers</i>
17:30 – 18:30	Individual transfer to IFSW, University of Stuttgart, Vaihingen Campus
18:30 – 22:00	SLT Evening Event at IFSW and visit to laboratories

↘ Simultaneous translations in German and English  
↘ Program subject to change without notice

### Wednesday, 17 June 2020

2

08:15 – 09:00	Registration and Coffee
09:00 – 10:30	<b>SLT Plenary: Trends in Optics and in Industrial Laser Applications</b>
10:30 – 11:15	<b>COFFEE BREAK</b> ☕
11:15 – 12:30	<b>SLT Session IV</b> <b>A</b> <i>Laser Processing with Ultrashort Laser Pulses with High Energy</i> <b>B</b> <i>Real-time Control of Laser Machining</i>
12:30 – 14:15	<b>LUNCH AND LASYS VISIT</b> 🍴
14:15 – 15:30	<b>SLT Session V</b> <b>A</b> <i>Special Systems for High Precision Laser Drilling</i> <b>B</b> <i>Mid-IR and Visible Laser Sources</i>
15:30 – 16:00	<b>COFFEE BREAK</b> ☕
16:00 – 17:15	<b>SLT Session VI</b> <b>A</b> <i>Focus on X-Rays from Ultrashort Pulse Laser Processes</i> <b>B</b> <i>Spatial, Spectral and Temporal Tailoring of High Power Laser Beams</i>
17:15 – 17:20	SLT 2020 Closing Note

↘ SLT Sessions on complementary topics  
**A** *Materials Processing and*  
**B** *Laser Sources and Optics*

Highlights and innovations in the field of industrial laser based manufacturing will bring together experts and users at the 11th Stuttgart Laser Technology Forum from 16 June until 17 June 2020.

The Science and Technology Forum will present the state of the art and future of:

- ↘ Laser Welding, Cutting, Additive Manufacturing and Ultrashort Pulse Laser Material Processing
- ↘ System Technology for Ultrafast and High Average Power Laser Material Processing
- ↘ High Average Power Ultrafast and CW Laser Sources

*The SLT is organized by the Institut für Strahlwerkzeuge (IFSW) and takes place in conjunction with the International Trade Fair for Laser Material Processing (LASYS) at the Trade Fair Centre Stuttgart (Airport).*