

SLT  
2024



## Registration Fees and Early Bird Discounts

### Registration fee for 1 day

	Early bird until 28 April 2024	Standard fee
Participant and Speaker	598* €	665* €
Student	120* €	150* €
PhD student	295* €	330* €

### Registration fee for 3 days

	Early bird until 28 April 2024	Standard fee
Participant and Speaker	895* €	995* €
Student	200* €	250* €
PhD student	445* €	495* €

\* All prices plus 19% VAT.

Lunch, beverages and coffee breaks are included in the conference fees. You will receive a book of abstracts and free admission to the SLT conference dinner.

### Online Registration

<https://www.conftool.org/slt2024>



### Date and Venue

04 June – 06 June 2024

Kursaal Bad Cannstatt, Stuttgart

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



## Contact SLT



### SLT 2024 Organizer

Institut für Strahlwerkzeuge (IFSW)  
University of Stuttgart

*Any questions on the SLT conference should be addressed to:*

Heidi-Maria Götz M.A.  
Institut für Strahlwerkzeuge (IFSW)  
University of Stuttgart  
+49 (0)711 / 685-66861  
[heidi-maria.goetz@ifsw.uni-stuttgart.de](mailto:heidi-maria.goetz@ifsw.uni-stuttgart.de)

### Supporting Partners



### Media Partners



University of Stuttgart  
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CONFERENCE  
ANNOUNCEMENT

# SLT 2024

04 June – 06 June

facts and  
trends in  
industrial lasers  
and  
applications  
STUTTGART  
LASER  
TECHNOLOGY  
FORUM

KURSAAL BAD CANNSTATT,  
STUTTGART

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

# IFSW

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# SLT 2024

04 June – 06 June

## Program Overview

### Tuesday, 04 June 2024

1

- 08:00 – 09:00 Registration and Coffee
- 09:00 – 11:00 **SLT Plenary:**  
Quantum Technology
- 11:00 – 11:30 **COFFEE BREAK** ☕
- 11:30 – 13:00 **SLT Session I**
- A** *Laser Beam Shaping for Micromachining*
  - B** *Spectral and Temporal Shaping of Laser Pulses*
- 13:00 – 14:30 **LUNCH AND EXHIBITION** 🍴
- 14:30 – 16:00 **SLT Session II**
- A** *Dynamic Laser Beam Shaping and its Application I*
  - B** *Laser Processing for Quantum Technologies*
- 16:00 – 16:30 **COFFEE BREAK** ☕
- 16:30 – 18:00 **SLT Session III**
- A** *Dynamic Laser Beam Shaping and its Application II*
  - B** *Novel Laser Crystals*
- 18:00 – 20:00 Visit of the Gottlieb Daimler Memorial (optional)
- 20:00 – 22:00 Conference Dinner at *Kleiner Kursaal Bad Cannstatt*

### Wednesday, 05 June 2024

2

- 08:00 – 09:00 Registration and Coffee
- 09:00 – 10:30 **SLT Plenary:**  
Laser Sources
- 10:30 – 11:00 **COFFEE BREAK** ☕
- 11:00 – 12:30 **SLT Session IV**
- A** *Additive Micro- and Nanoprocessing*
  - B** *Visible and Ultraviolet Lasers*
- 12:30 – 14:00 **LUNCH AND EXHIBITION** 🍴
- 14:00 – 15:15 **SLT Session V**
- A** *Additive Manufacturing of Metals*
  - B** *Fibre-Optic Beam Delivery*
- 15:15 – 15:45 **COFFEE BREAK** ☕
- 15:45 – 17:00 **SLT Session VI**
- A** *Laser Processing for E-Mobility*
  - B** *Highly Versatile Laser (from CW to Ultrafast)*
- 17:00 – 17:15 **APÉRO** 🍷
- 17:15 – 18:00 **SLT Forum**
- From Process Development to Fundamental Research
- 19:00 – 21:00 Visit of the IFSW (Lab Tour)

### Thursday, 06 June 2024

3

- 08:00 – 09:00 Registration and Coffee
- 09:00 – 10:30 **SLT Plenary:** Artificial Intelligence in Production
- 10:30 – 11:00 **COFFEE BREAK** ☕
- 11:00 – 12:30 **SLT Session VII**
- A** *Machine Learning in Manufacturing*
  - B** *Laser Processing with High Average Power*
- 12:30 – 14:00 **LUNCH AND EXHIBITION** 🍴
- 14:00 – 15:30 **SLT Session VIII**
- A** *Laser Materials Processing of Semiconductors and Transparent Materials*
  - B** *X-Ray Imaging of Laser Processes*
- 15:30 – 16:00 **COFFEE BREAK** ☕
- 16:00 – 17:30 **SLT Session IX**
- A** *Laser Processing with Ultrashort Pulsed Lasers*
  - B** *Novel Laser Concepts*
- 17:30 – 17:45 **SLT 2024 Closing Note**

↘ *The conference language is English.*

↘ *Program subject to change without notice*