ISOT 2024

International Symposium on Optomechatronic Technology

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THE 23rd INTERNATIONAL SYMPOSIUM ON OPTOMECHATRONIC TECHNOLOGY

November 4-5, 2024, Braunschweig, Germany

At the crossroads of photonics and robotics, optomechatronics not only tackles the up-to-day challenges of telemedicine, aerospace, intelligent cities and autonomous vehicles, but it also proposes smart solutions for generic problems such as micromanipulation, hybrid integration, engineering control, optofluidics...

The International Symposium on Optomechatronic Technology (ISOT) 2024 conference is the opportunity to share your results and knowledge on the exciting and varied topics of optomechatronics.

ISOT is an annual conference started in 2001 and supported by the International Society for Optomechatronics (ISOM).

ISOT 2024 will be held in Braunschweig, Germany, November 4 to 5, 2024.

We kindly invite you to attend ISOT 2024 and present results of your research work!

The topics covered include (but are not limited to):

- Adaptive Optics
- Optomechanics
- Machine vision, tracking and control
- Control engineering for optomechatronics
- Optical metrology, optical-based inspection and fault diagnosis
- Optical sensors and light-driven actuators
- Optomechatronics for astronomy and space applications
- Micro/nano-opto electromechanical systems (MOEMS)
- Optofluidics
- Optical assembly and packaging
- Optical and vision-based manufacturing, processes, monitoring, and control
- Optomechatronics for biomedical imaging
- Optomechatronics for robotic systems
- Micro- and nanomanipulation for guided optics
- Artificial Intelligence in optical systems
- 3D printed optical systems

https:// www.tu-braunschweig.de/iprom/isot-2024

IMPORTANT DEADLINES:

Paper submission deadline:	5 August 2024
Author notification:	22 August 2024

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ISOM International Society for Optomechatronics