



34th International SAOT Workshop: **Optical Sensing in Turbid Media**

04.12.23 – 05.12.23

Novotel Erlangen, Hofmannstraße 34, 91052 Erlangen

Scope

SAOT covers nearly the entire spectrum of optical technologies.
This workshop will focus only on one topic: **the optical sensing in turbid media**.

International experts from different fields including **random lasers, Laser Induced Breakdown Spectroscopy (LIBS), light-tissue interaction, tissue optics, and multi-modal biophotonic imaging** have been invited.

The workshop aims at connecting various fields where the optical sensing in turbid media is a common issue, and favoring the ideas exchange and possible collaborations, with a format of **lectures** and **extended discussions**.

Confirmed Speakers

- Prof. Igor Meglinski (Aston University, United Kingdom):
Coherent Effects of Multiple Scattering of Light in Biomedical Optics
- Prof. Zeev Zalevsky (Bar Ilan University, Israel):
High resolution imaging through biologic turbid media using wavefront shaping and reciprocity principles
- Hasan Yilmaz, Ph.D. (Bilkent University UNAM, Turkey):
Coherent control of light transport in complex photonic media
- Dr. Fanuel Mehari (Spectral Industries, Netherlands):
The potentials and challenges of Laser-induced Breakdown Spectroscopy (LIBS) for biological applications
- Prof. Dr. Alwin Kienle (University Ulm, Germany):
Tissue Optics
- Peter E. Andersen (Technical University of Denmark, Denmark):
Title will follow
- Prof. Vincent Motto-Ros (Université Claude Bernard Lyon, France):
Title will follow
- More speakers will be announced



Registration

Contact:

If you need any further assistance, please do not hesitate to contact us via **saot-administration@fau.de**

Registration:

All SAOT members - **Pls, AIs, Ambassadors, mentors** and registered **doctoral candidates** are invited to attend free of charge.

If you are interested in participating in the workshop, please **register** before **November 6, 2023** using the online form:
https://www.saot.fau.de/events_saot/upcoming-events/34th_workshop/