



Clinical Biophotonics III (PE120)

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The clinical translation of advanced optical detection and imaging methods has emerged over the last decade as a major sector of biomedical optics and biophotonics with a growing impact and increasing numbers of clinical devices and procedures. This field is particularly interdisciplinary in nature with strong and effective collaborations needed between many experts. Clinicians, scientists, engineers and chemists must work together with a common goal to address and solve unmet clinical needs by using photonics technologies. The number of investigators working in this specific field has grown from just a few individuals to hundreds of research groups today. This conference aims at consolidating related work into a single conference with the goals of pooling expertise and allowing the community to follow and contribute to the field's progress while offering strong potential for discussions and collaborations.

Submissions are solicited in the following and related areas:

- optical diagnosis and biopsy
- treatment control/disease development
- clinical translation of devices and drugs
- molecular-guided surgery
- minimal invasive procedures
- oxygenation and perfusion sensing and imaging
- coherent methods
- diffuse optical methods
- point-of-care methods
- nonlinear imaging
- photodynamic therapy/low laser light therapy
- drugs, molecules and contrast agents
- real-time detection, processing and visualization
- unconventional optical imaging for health (joint session with the Unconventional Optical Imaging conference).

Present your research at SPIE Photonics Europe

Below are abstract submission instructions, the accompanying submission agreement, conference presentation guidelines, and guidelines for publishing in the Proceedings of SPIE on the SPIE Digital Library. Submissions subject to chair approval.

Important dates

Abstracts due	30 November 2023
Authors notified and programme posts online	25 January 2024
Registration opens	8 January 2024
Submission system opens for manuscripts and poster videos/PDFs*	5 February 2024
Manuscripts due	20 March 2024

*Contact author or speaker must register prior to uploading

What you will need to submit

- Presentation title
- Author(s) information
- Speaker biography (1000-character max including spaces)
- Abstract for technical review (200-300 words; text only)
- Summary of abstract for display in the programme (50-150 words; text only)
- Keywords used in search for your paper (optional)
- Check the individual conference call for papers for additional requirements (i.e. extended abstract PDF upload for review or instructions for award competitions)

Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation.

How to submit your abstract

- Visit the conference page: www.spie.org/pe120call
- You may submit more than one abstract, but submit each abstract only once
- Submit by clicking the "Submit an Abstract" button on the conference page
- Sign in to your SPIE account, or create an account if you do not already have one
- Follow the steps in the submission wizard until the submission process is completed
- If your submission is related to an application track below, indicate the appropriate track when prompted during the submission process

Submission agreement

All presenting authors, including keynote, invited, oral, and poster presenters, agree to the following conditions by submitting an abstract:

- Register and pay the author registration fee
- Oral presenters: recording and publication of your onsite presentation (slides synched with voice) for publication in the Proceedings of SPIE in the SPIE Digital Library
- Poster presenters: submit a poster PDF by the advertised due dates for publication in the Proceedings of SPIE in the SPIE Digital Library; poster PDFs may also be published and viewable in the spie.org programme during and immediately after the event. Each poster must have a unique presenter; one person may not present more than one poster
- Email messaging for the conference series
- Submit a manuscript by the advertised due date for publication in the Proceedings of SPIE in the SPIE Digital Library
- Obtain funding for registration fees, travel, and accommodations
- Attend the meeting
- Present at the scheduled time

Review and programme placement

- To ensure a high-quality conference, all submissions will be assessed by the conference chair/editor for technical merit and suitability of content
- Conference chairs/editors reserve the right to reject for presentation any paper that does not meet content or presentation expectations
- Final placement in an oral or poster session is subject to chair discretion

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- Only manuscripts, presentations, and posters presented at the conference and received according to publication guidelines and due dates will be published in the Proceedings of SPIE in the SPIE Digital Library
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