



## Illumination Optics VII (OSD04)

**Conference Chairs:** **Tina E. Kidger**, Kidger Optics Associates (United Kingdom); **Stuart David**, Synopsys, Inc. (United States); **Thorsten Schupp**, Synopsys, Inc. (Germany)

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Illumination design is a continuously developing field resulting from increased performance demands and rapidly changing technologies. Continuing development of illumination design is driven by new sources (e.g., solid-state sources, organic sources, light-emitting polymers, and high-luminance discharge sources), new markets and styling considerations (e.g., wearable technologies, smart devices, and automotive applications) and advances in fabrication technologies (e.g., diamond turning of complex surfaces and advanced molding of complex patterns and structures). In addition, several optical design software companies have developed, and continue to develop and improve, sophisticated illumination modeling, including color management, freeform optics, and optimization tools to aid the illumination design engineer. This conference offers an international podium for the discussion of these ongoing illumination R&D activities.

Papers are solicited on all matters pertaining to modern illumination design, including, but not limited to, the following areas:

- illumination optimization
- light transport
- freeform non-imaging optical design
- information display design
- transportation systems illumination
- smart lighting applications
- general/technical lighting
- color management
- scatter and stray light analysis
- LED system design
- artificial intelligence (AI).

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### Present your research at SPIE Optical Systems Design

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	6 December 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/osd04call](http://www.spie.org/osd04call)
- 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
- 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

#### Publication of Proceedings in the SPIE Digital Library

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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
- Manuscripts, presentations, and posters will be officially published after the event in the SPIE Digital Library
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