

# SPIE. OPTICAL SYSTEMS DESIGN

13–16 September 2021

IFEMA  
Madrid, Spain

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**28 April 2021**



## Advances in Optical Thin Films VII (OSD02)

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Optical thin films are today involved in numerous optical systems where they constitute a key to their ultimate performance. For most applications, high accuracy is required on both the optical and non-optical properties, including low-loss energy balance, mechanical and thermal behaviour, laser damage threshold and nonlinear properties. Great progress has been made in almost all aspects but there are still problems and barriers to progress and their identification and possible solutions represent important features of this conference.

The conference will be devoted to thin film optical coatings, with special emphasis on the latest developments in the field. Papers on theoretical, experimental, and technological aspects will cover both fundamental and applied research, as well as development, practical techniques and applications.

We welcome papers describing advances in any aspect of thin film optical coatings and especially in the following areas:

- film deposition methods
- large area deposition
- process control and monitoring
- optical coating materials
- organic optical coatings
- thin film growth and microstructure
- design of optical coatings
- optical coatings on plastic
- coatings for ultrafast optics
- soft x-ray/EUV/DUV/VUV coatings
- optical coatings for displays and lighting
- optical coatings for solar energy utilization
- coatings for security applications
- optical and scattering properties
- coating stress and mechanical properties
- laser-induced damage
- patterned coatings and thin-film arrays
- 1D photonic crystals and metamaterials.

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# Abstract Submission

## Present your research at SPIE Optical Systems Design

Follow these instructions to develop a successful abstract and accompanying manuscript for the conference and for publication in the Proceedings of SPIE in the SPIE Digital Library.

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- Go to the conferences page (link below), browse the conference topics and choose one that most closely matches the topics of the work you wish to present. Click “Submit an Abstract” from within that conference, and you’ll be prompted to sign in to your spie.org account to complete the submission wizard.
- Browse the conference programme and select conference(s) that most closely matches the topics for your area of research. Important: each abstract may be submitted to one conference only.

### What you will need to submit

A completed electronic submission should include the following:

- Title
- Author(s) information
- 500-word abstract for technical review
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**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.

### Submission agreement

Presenting authors, including keynote, invited, oral, and poster presenters, agree to the following conditions by submitting an abstract. An author or coauthor will:

- Register and attend the meeting.
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- Obtain funding for registration fees, travel, and accommodations, independent of SPIE, through their sponsoring organizations.
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- Ensure that you obtain a visa in time, if you need to do so. Visa Application Information and Invitation Requests.

### Important dates

Abstracts Submission Deadline	28 April 2021
Acceptance Notification Sent to Contact Author	18 June 2021
Manuscripts Due	18 August 2021

### 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.
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