

# EOS

European Optical Society



Coherence for Europe

# CALL FOR PAPERS

## EOS Topical Meeting on Diffractive Optics 2019

16. – 19. September 2019  
Jena, Germany



# EOS TOPICAL MEETING ON DIFFRACTIVE OPTICS 2019

This topical meeting series on diffractive optics was established in 1995, with the inaugural meeting in Prague. The series continued with meetings in Savonlinna (1997), Jena (1999), Budapest (2001), Oxford (2003), Warsaw (2005), Barcelona (2007), Koli (2010), and Delft (2012). In 2014 and 2016 the Diffractive Optics meetings were arranged as a part of EOSAM. Recently, however, it was re-established as an independent EOS Topical Meeting series, with the first gathering in Joensuu in 2017 and the second to be organized in Jena in September 2019.

**Co-Chairs** Jari Turunen, University of Eastern Finland (Finland)  
Frank Wyrowski, Friedrich-Schiller University Jena (Germany)

## International Program Committee

Benfeng Bai (China)  
Pierre Chavel (France)  
Hans Peter Herzig (Switzerland)  
Jürgen Jahns (Germany)  
Bernard Kress (USA)  
Irina Livshits (Russia)  
Jesús Lancis (Spain)  
Paul Urbach (Netherlands)  
Site Zhang (Germany)

## Topics include

The scope of the meeting covers all fundamental and applied aspects of diffractive optics and related fields. The topics include but are not limited to:

Physical optics theory  
Source modeling; partially coherent, broadband, pulsed fields  
Field tracing concepts and models  
Physical optics effects; polarization, coherence, shifts  
Diffractive optics at short wavelengths  
Subwavelength structures, metamaterials, and plasmonics  
Photometric and radiometric detectors in physical optics  
Diffraction gratings  
Diffractive- and meta-lenses  
Light shaping; DOE, diffuser, freeform  
Virtual and augmented reality  
Industrial and commercial applications

**SUBMISSION OPEN**

## ABSTRACT SUBMISSION DEADLINE: JUNE 30, 2019

Abstracts are submitted online via Conftool: [www.conftool.com/do2019](http://www.conftool.com/do2019)

- Authors are requested to submit a two-page abstract, which is formatted according to the EOS abstract guidelines. Both Word and LaTeX templates are available.
- Indicate the preference format of your presentation (oral/poster) in the submission procedure.
- At least one author is requested to register for the meeting.

### Paper Publication in JEOS:RP

Presenters at EOS Topical Meeting on Diffractive Optics 2019 are kindly invited to consider the submission of a manuscript about their research to the EOS open-access on-line journal JEOS:RP (Journal of the European Optical Society, Rapid Publications, [www.jeos.springeropen.com](http://www.jeos.springeropen.com)). JEOS:RP publishes articles and review papers on recent scientific research and technological innovations. A contribution should be original and it will be subjected to the journal's standard anonymous peer review process for scientific quality. The average submission-to-first decision time of the journal is 72 days. Fee for EOS Members is 900 EUR and non EOS Members 1450 EUR.

### Venue

The conference will be held in the „City of Light“ Jena!

As a European center of research in optics and photonics, with the close integration of Jena's two universities, research institutions, and local industry, Jena is the cradle of optics industry in Europe and stands for innovation and progress. This success story began with Carl Zeiss, Ernst Abbe, and later Otto Schott. The Abbe Center - the main building at a major research establishment „Beutenberg Jena“ will be hosting the conference participants in a modern and scientific atmosphere.

### Registration

The registration for EOS Topical Meeting on Diffractive Optics 2019 includes admission to the conference with lunches and coffee breaks, as well as the conference excursion with dinner. At least one author of an accepted contribution is required to register in advance to the conference.

### Accommodation

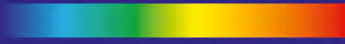
In September 2019 hotels in Jena will be crowded due to parallel conferences and events. It is strongly recommended to book your room as soon as possible on the basis of special EOS hotel rates.

For booking details and travel directions please check:

[www.europeanoptics.org/events/eos/do2019.html](http://www.europeanoptics.org/events/eos/do2019.html)

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