

EUROPEAN OPTICAL SOCIETY ANNUAL MEETING (EOSAM) 13—17 SEPTEMBER 2021, ROME, ITALY

CALL FOR PAPERS: TOPICAL MEETING ON OPTICAL MATERIALS: CRYSTALS, THIN FILMS, ORGANIC MOLECULES AND POLYMERS, SYNTHESSES, CHARACTERIZATION AND DEVICES

SYNOPSIS

Given their multiple industrial applications, the development and characterization of optical materials continue to generate various investigations with major scientific and technological challenges. For example, in many fields of photonics the fabrication and structuring of thin films at the micro and nanometric scale is essential. In general, the material must present a good compromise between its optical properties structure and composition. Simple and easy-to-implement techniques such as the sol-gel process, and complex and costly ones such as epitaxy, MOVPE, laser ablation (PLD), rf sputtering are commonly used to synthesize different optical materials. Correlation between the material optical characteristics and its structural, compositional and morphological properties is of great importance. Eventually, there are significant needs to develop innovative techniques for the fabrication of new materials, as well as to develop simple and efficient characterization techniques. These needs have given rise to multidisciplinary research with the ambition to provide optical materials and devices from an approach linking the desired performances to the atomic and molecular scale structure.

TOPICS

- Dielectric materials: crystals and thin films for optics
 - ◊ growth techniques, luminescent crystals and scintillators, laser and non-linear optics crystals, passive and active thin layers, deposition techniques, characterizations, structuring, etc.
- Semiconductor materials: thin films, hetero-structures
 - ◊ III-V, II-VI, Si/SiO₂, etc.
- Organics optical materials: molecules, polymers, hybrids
 - ◊ synthesis, small molecules, organic thin layers, optical properties, perovskites, etc.
- Glasses
 - ◊ optics on glass, special glasses, etc.
- Emerging materials and new challenges
 - ◊ synthesis, functionalization, characterizations, etc.
- Optical materials and devices

CHAIR



Azzedine Boudrioua
Université Sorbonne
Paris Nord (FR)

PROGRAM COMMITTEE

- ◆ **Maurizio Ferrari**, IFN CNR (IT)
- ◆ **Muriel Hissler**, Université Rennes I (FR)
- ◆ **Lung Han Peng**, NTU (TW)
- ◆ **Gérard Aka**, ENSCP Paris (FR)

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www.eosam2021.org



13-17 September 2021
Rome, Italy



CALL FOR PAPERS

The European Optical Society Annual meeting (EOSAM) is a major international scientific conference with industry presence, held 13 - 17 September 2021 in Rome, Italy. EOSAM gathers top researchers, key leaders, students and industry experts together. Full week of novel research results presented from the widest range of optics and photonics fields, tutorials, special sessions and networking events will entice you together with the beautiful city of Rome. See you there!

NOTE: The conference will be held onsite in Rome, Italy. For those who cannot attend in person, we will offer a hybrid option (online presentation/attendance). While we strongly aim for an in-person meeting with some hybrid elements, the final form will depend on the sanitary and legal situation at the time of the meeting.

Submit your paper to any of the topical meeting (TOM) or Session mentioned below,
all topics under optics and photonics included:

- Silicon Photonics and Guided-Wave Optics
- Computational, Adaptive and Freeform Optics
- Optical System Design, Tolerancing and Manufacturing
- Bio-Medical Optics
- Resonant Nanophotonics
- Optical Materials: crystals, thin films, organic molecules and polymers, syntheses, characterization and devices
- Thermal radiation and energy management
- Non-linear and Quantum Optics
- Optics at the Nanoscale (ONS)
- Optical Microsystems (OMS)
- Waves in Complex Photonics Media
- Optofluidics
- Ultrafast Optical Technologies and Applications
- Advances and Applications of Optics and Photonics
- Early Stage Researcher Session Organized by SIOF
- EU Project Session
- Grand Challenges of Photonics Session

SUBMISSION GUIDELINES

Submissions are accepted for oral and poster presentations, for all TOMs. For the Early Stage Researcher session, only oral presentations are accepted. Authors are requested to submit a 2-page abstract, which is formatted according to the **Submission Guidelines**.

2-page abstracts will be reviewed by the program committees of each TOM. Abstracts are submitted online via [Conftool](https://www.conftool.com/eosam2021). Further submission guidelines next page.

SUBMIT: <https://www.conftool.com/eosam2021>

Journal of the European Optical Society JEOS:RP
Open Access – Special Issue dedicated to EOSAM2021 - Submissions welcome!

Springer Open <https://jeos.springeropen.com>

AFTER CONFERENCE PUBLICATION IN JEOS:RP

After the conference, we offer you an opportunity to publish your work as a full length reviewed paper in the special issue on EOSAM 2021, published in the open access *Journal of the European Optical Society, JEOS:RP*. EOS members receive a significant discount from the APC fee.

PLENARY SPEAKERS

Dr. Sophie Brasselet
Institut Fresnel, FR

Dr. Federico Capasso
Harvard University, US

Dr. Giulio Cerullo
Politecnico di Milano, IT

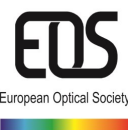
Dr. Remus Nicolaescu
Pointcloud, US

Dr. Isabelle Staude
University of Jena, DE

Dr. Manuel Guizar-Sicairos
Paul Scherrer Institute, CH

Dr. Nikolay I. Zheludev
University of Southampton, UK

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PLEASE FOLLOW THESE GUIDELINES WHEN SUBMITTING

Submission Template

The abstract should be formatted according to the template provided (either LaTeX or MS Word). Submit template as one pdf file: **2-pages, A4 paper size, 2-columns**

LaTeX2e template

Download [Macropackage in LaTeX2e](#) (123.6 KB)

Microsoft Word template

Download [Word template for abstracts](#) (33.08 KB).

Important when submitting

- Select the correct TOM in the submission phase (14 different TOMs to choose from).
- The abstract should be written in English and uploaded as 2-page abstract in pdf format (as one pdf-file).
- Choose preference for either oral or poster presentation and presenting author (this name will be added in the program)
- Choose "student presentation" if, and only if, the presenting author is a student.
- Students who wish to qualify for the best student presentation award, should click the corresponding checkbox in the submission phase.

Online, open access proceedings

For any author who wishes to be included in the online proceedings, published with EDP Sciences, in the [Web of conferences](#), with DOI and indexation to CrossRef®, is asked to submit an extended abstract via Conftool, after acceptance of the original 2-page abstract is announced.

- Extended, 3-4 -page abstract submitted in Conftool
- Make sure the file is a [camera-ready PDF](#) (301.52 KB).
- Online proceedings available after conference
- BE CAREFUL, no extra corrections will be made after publication! You must carefully check your article, including: authors' names, initials, authors, affiliations, and references.
- Submit the publication right form. Download and sign the publication right form: Fill electronically /manually: template to be provided

IT MUST BE NOTED

- Once a paper has been submitted online, the publisher (EDP Sciences) only permits changes in cases of serious scientific error. In those cases, an erratum or a note is published according to the practices of professional scientific publishing.
- Publishing an erratum after online publication of the proceedings will be charged 300€ (Euros) per article by the publisher, except if the error is on the part of the Publisher.

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SUBMIT BY
10 June (FINAL EXTENSION)

<https://www.conftool.com/eosam2021>

www.eosam2021.org

IMPORTANT DATES

Submission opened
Sunday, 28 February 2021

Submission closes (FINAL EXTENSION)
Thursday, 10 June 2021

Conference Program - Overview (extended)
Thursday, 8 July 2021

Informing authors about acceptance (extended)
Thursday, 1 July 2021

Speaker registration (extended)
Thursday, 15 July 2021

Conference Program - Final (extended)
Thursday, 22 July 2021

Conference dates
Monday—Friday,
13—17 September, 2021

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