

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

CALL FOR PAPERS: TOPICAL MEETING ON OPTICS AT NANOSCALE (ONS)

SYNOPSIS

This 5th edition of the international conference wholly dedicated to Optical Nano-Systems covers a spectrum from applied to basic research of this domain providing a forum for all the aspects with the purpose of advancing the state-of-the-art of nanoscale optics.

New properties in nanoscale structures can be dramatically tuned with size and shape of the nanostructures. Completely different optical behaviours are produced compared to the bulk counterparts, such as narrow linewidths for emission, solar energy conversion, etc. Indeed materials and applications require strong effort to develop spectroscopy and microscopy tools allowing visualization and manipulation of optical properties with nanoscale resolution.

- TOPICS**
- Emerging Technologies
 - ◊ metamaterials, metasurfaces, nonradiating modes, topological insulators
 - Nonlinear Optics and Applications
 - ◊ chirality and symmetries, plasmonics and SHG, nonlinear materials and THz
 - Quantum Optics and quantum technologies
 - Advanced Theoretical and Numerical Tools for Nanooptics, Photonics and Plasmonics
 - Optical Sensors
 - ◊ novel approaches in optical sensing, optical biosensors, plasmonic sensing
 - Materials for photonics
 - ◊ quantum dots, perovskite nanostructures, 2D nanomaterials
 - Imaging and spectroscopy

CHAIRS



Vito Mocella
Consiglio Nazionale
delle Ricerche (IT)



Concita Sibilìa
Sapienza University
of Rome (IT)



Didier Felbacq
Montpellier University (FR)

PROGRAM COMMITTEE

- ◆ **Mario Agio**, CNR-INO (IT)
- ◆ **Philippe Lalanne**, Institut d'Optique, (FR)
- ◆ **Fabio Antonio Bovino**, Sapienza University of Rome (IT)
- ◆ **Gennady Shvets**, University Of Texas, Austin (US)
- ◆ **Sophie Brasselet**, Institut Fresnel (FR)
- ◆ **Niek Van Hulst**, ICFO (SP)
- ◆ **Kurt Busch**, Humboldt-Universität (DE)
- ◆ **Anatoly V. Zayats**, King's College, London (UK)

SPECIAL INVITED SPEAKERS

- ◆ **Fabio Antonio Bovino**, Sapienza University of Rome (IT)

INVITED SPEAKERS

- ◆ **Guillaume Demésy**, Institut Fresnel (FR)
- ◆ **Eugenio Fazio**, Sapienza University of Rome (IT)
- ◆ **Emmanuel Rousseau**, L2C, University of Montpellier (FR)
- ◆ **Giuseppe Pirruccio**, Universidad Nacional Autonoma de Mexico (MX)
- ◆ **Davide Boschetto**, Ecole Polyt –Paris (FR)
- ◆ **Roberto Li Voti**, Sapienza University of Rome (IT)
- ◆ **Francesco Michelotti**, Sapienza University of Rome (IT)
- ◆ **Mario Agio**, University of Siegen (DE)
- ◆ **Giovanni Mattei**, University of Padova (IT)
- ◆ **Gilles Lereondel**, UTT, Troyes (FR)
- ◆ **Guillaume Weick**, IPCMS, University of Strasbourg (FR)
- ◆ **Teemu Hakkarainen**, Tampere University (FI)
- ◆ **Valentina Mussi**, CNR -IMM-Roma (IT)



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: In case the event cannot be held onsite, the organizers ensure your presentation will be presented online in front of the right audience. The conference dates 13 - 17 September 2021 remain in either case.

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](#). Further submission guidelines next page.

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. Nikolay I. Zheludev
University of Southampton, UK

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Journal of the European Optical Society JEOS:RP

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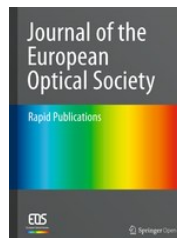
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AFTER CONFERENCE PUBLICATION IN JEOS:RP

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.



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 (15 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).
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- BE CAREFUL, no extra corrections will be made after publication! You must carefully check your article, including: authors' names, initials, authors, affiliations, and references.
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SUBMIT BY 20 MAY

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

IMPORTANT DATES

Submission opened
Sunday, 28 February 2021

Submission closes
Thursday, 20 May 2021

**Conference Program
- Overview**
Thursday, 10 June 2021

**Informing authors
about acceptance**
Tuesday, 22 June 2021

Speaker registration by
Thursday, 1 July 2021

Conference Program - Final
Thursday, 15 July 2021

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

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