



[@EOS_AM](#)
[#EOSAM2018](#)

www.myeos.org/events/eosam2018

The EOS biennial Meeting (EOSAM) will be held in Delft, Netherlands. The meeting will take place at the Delft University of Technology, in October 08 - 12, 2018 where the latest results in optics and photonics research will be presented. The topical meetings include world-renowned invited speakers and by submitting you have a chance to be part of the conference program. Best student oral and poster presentations will be awarded by ZEISS with a diploma and honorarium of 500 EUR.

Submit to any of the Topical Meetings (TOMs):

[TOM 1- Silicon Photonics and Guided-Wave Optics](#)

[TOM 2- Freeform Optics for Illumination, Augmented Reality and Virtual Reality](#)

[TOM 3- Optical System Design, Tolerancing, and Manufacturing](#)

[TOM 4- Bio-Medical Optics](#)

[TOM 5- Metamaterials, Plasmonics and Resonant Nanophotonics](#)

[TOM 6- Frontiers in Optical Metrology](#)

[TOM 7- Organic & Hybrid Semiconductor Materials and Devices](#)

[TOM 8- Adaptive Optics & Information driven optical systems](#)

[TOM 9- Optical tapered fibers for light manipulation on the nanoscale - NEW](#)

Special workshops and sessions:

[EU Project result dissemination Session](#)

[Grand Challenges of Photonics Session](#)

[Tutorials and Autumn Physics School](#)

Plenary Speakers:

- Laurent Vivien, University Paris Sacle and CNRS France; *Silicon nanophotonics - the past, present and future* ([TOM 1](#))
- Sven Kiontke, Asphericon, Germany; *Industrial fabrication of aspheres: challenges and myths* ([TOM 3](#))
- Benjamin Vakoc, Harvard Medical School, United States of America ([TOM 4](#))
- Jean-Jacques Greffet, Institut d'Optique, France ([TOM 5](#))
- Alain Diebold, SUNY Polytechnic Institute, Albany, United States of America; *Application of Mueller Matrix Spectroscopic Ellipsometry to Scatterometry based Measurement of Feature Shape and Dimension* ([TOM 6](#))
- Jenny Nelson, Imperial College, United Kingdom ([TOM 7](#))
- Laura Waller, Berkeley University, United States ([TOM 8](#))

Grand Challenges in Photonics Session Speakers:

- Xiaocong Yuan, Nanophotonics Research Centre, Shenzhen University, China; *Singular optical beam multiplexing communication towards high performance computing applications* ([Grand Challenges Session](#))
- Marc Cayrel, European Southern Observatory, Germany; *ESO ELT: towards a 39 meter telescope* ([Grand Challenges Session](#))
- Ronald Hanson, QuTech, Delft University of Technology, The Netherlands; *The dawn of quantum networks* ([Grand Challenges Session](#))

ABSTRACT SUBMISSION

Submit to: www.conftool.com/eosam2018

Submission timeframe: 1 December 2017- **31 May, 2018 EXTENDED**

Informing authors about acceptance: 29 June 2018

Authors are requested to submit an extended abstract of two pages with at least one figure. The abstract must be formatted according to the EOS abstract guidelines. You might wish to use either the Word or LaTeX template. Contributions will be accepted for oral and poster presentations (please indicate your preference). At least one author is requested to register for the meeting separately from the abstract submission. The accepted abstracts will be added to the event proceedings.

Submit to one of the topical meetings

Register

See registration fees online: www.myeos.org/events/eosam2018

EOS TOPICAL MEETING ON WAVES IN COMPLEX PHOTONICS MEDIA: Fundamentals and Device Applications

Location: Anacapri, Island of Capri, Italy

Duration: 4 - 7 June 2018

[Register as attendee](#)



List of Invited Speakers

- Ad Lajendijk, University of Twente (Netherlands); *Disordered media and photonic crystals*
- Mark Brongersma, Stanford University (USA); *Aperiodic Plasmonic Structures for Spectral Splitting and Photodetection*
- Eric Akkermans, Technion Israel Institute of Technology (Israel); *Topological properties of quasi-periodic tilings - From Structure to Spectrum*
- Felipe Pinheiro, Universidade Federal do Rio de Janeiro, Rio de Janeiro (Brazil); *Applications of the Green's matrix method: from random to aperiodic photonic media*
- Shanhui Fan, Stanford University (USA)
- Jacopo Bertolotti, University of Exeter (UK)
- Nader Engheta, University of Pennsylvania (USA); *Aperiodic Metastructures for Analog Computing*
- Hui Cao, Yale University (USA); *Transmission eigenchannels in disordered media*
- Nikolay Zheludev, University of Southampton (UK); *Metamaterials, anapoles and flying donuts*
- Vladimir Shalaev, Purdue University (USA); *Catching Light with Metamaterials*
- Alexandra Boltasseva, Purdue University (USA); *Emerging materials and approaches for tailorable nanophotonic devices*
- Steven Johnson, Massachusetts Institute of Technology (USA)
- Mikael C. Rechtsman, Pennsylvania State University (USA); *Topological photonics: Weyl points and protected defect modes*
- Peter Schmelcher, University of Hamburg (Germany); *Local Symmetries in Wave Mechanical Systems: From Fundamentals to First Applications*
- Carlo Forestiere, University of Naples Federico II (Italy); *Spectral Analysis of the Electromagnetic Scattering from Complex Conducting Surfaces*
- Fiorenzo Omenetto, Tufts University (USA)
- Concita Sibilio, Universtiy La Sapienza, Rome (Italy); *Effective chiral behavior on self-assembled metasurface by means of linear and nonlinear optical techniques*
- Walter Pfeiffer, University of Bielefeld (Germany); *Anderson localization of light and perfect absorption in nanotextured absorber layers*
- Tsampikos Kottos, Wesleyan University (USA); *Time-Reversal Symmetry and its Applications to Waveform Shaping and Photonic Limiters*
- Azriel Genack, Queens College, NYU (USA); *Diffusion in Translucent Media*
- Sergey Skipetrov, CNRS Grenoble (France); *Anderson localization of classical waves*
- Igor Tsukerman, Akron University (USA); *Periodic and Non-periodic Structures: Homogenization, Trefftz Functions, Random Matrices*
- Francesco Riboli, CNR and LENS (Italy); *Correlations of the Local Density of States in Disordered Photonic Materials*

- Jacob Khurgin, John Hopkins University (USA); *Benefits of disorder in in two-dimensional arrays of metal nanoparticles*
- Luca Sapienza, University of Southampton (UK); *Efficient confinement of visible light in disordered photonic crystals*
- Gaetano Assanto, CNISM, National Institute for Nuclear Physics -INFN and Department of Engineering, University of Rome "Roma Tre"/Tampere University of Technology, Finland; *Soliton photonics in nematic liquid crystals*



#Anacapri2018

www.myeos.org/events/anacapri2018

EOS BOARD ELECTIONS SUMMER 2018

This year (2018) is an election year for the EOS Board and there are **four seats** to be filled. We invite all EOS members to vote on the election. The election will be held during **15 June - 15 AUGUST, 2018**.

Each EOS member is entitled to vote up to 4 candidates for the Board. We urge you to take advantage of this opportunity to vote for candidates for the Board during the summer. Each EOS member will receive a personalized email with a link to vote in June 2018.

Candidates for the EOS Board Election

[Mario Bertolotti \(IT\)](#) *

[Joakim Bood \(SE\)](#)

[Manuel Filipe P. C. Martins Costa \(PT\)](#)

[Jürgen Czarske \(DE\)](#)

[Frederic Gardes \(UK\)](#)

[Jan Massajada \(PL\)](#)

[Gilles Pauliat \(FR\)](#)

[Michael Pfeffer \(DE\)](#)

[Marcel Poulain \(FR\)](#)

[Matthieu Roussey \(FI\)](#)

List of candidate names and profiles can also be found here: <http://www.myeos.org/boardelection2018>

Contact details:

EOS Office

+358 50 592 4693 • info@myeos.org

UPCOMING EOS CO-SPONSORED EVENTS

<http://www.myeos.org/events/co-sponsored>

Doctoral Summer School on Nanophotonics and Metamaterials 2018

Duration: 28 May 2018 - 1 June 2018

Location: Saint Petersburg, Russia

PCNSPA - Photonic Colloidal Nanostructures: Synthesis, Properties, and Applications

Duration: 4 June 2018 - 8 June 2018

Location: St Petersburg, Russia

13th AIVELA Intl Conference on Vibration Measurements by Laser and NONcontact Techniques & Short Course

Duration: 19 June 2018 - 22 June 2018

Location: Ancona, Italy

World Congress on Advanced Laser, Optics and Photonics

Duration: 20 June 2018 - 21 June 2018

Location: Paris, France

9th International Conference on Optical Communication Systems (OPTICS2018)

Duration: 26 July 2018 - 28 July 2018

Location: Porto, Portugal

2018 International Conference on Optical MEMS and Nanophotonics OMN 2018

Duration: 29 July 2018 - 2 August 2018

Location: Lausanne, Switzerland

Northern Optics & Photonics Conference

Duration: 12 September 2018 - 14 September 2018

Location: Lund, Sweden

The International Conference on Metamaterials and Nanophotonics (METANANO 2018)

Duration: 17 September 2018 - 21 September 2018

CONTACT

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