

EOS Topical Meeting on Waves in Complex Photonics Media: Fundamentals and Device Applications Anacapri, Island of Capri, Italy, 4 - 7 June, 2018

Synopsis

The Topical Meeting will be held in the beautiful scenery of Italy, Anacapri, in the Island of Capri between 4th and 7th of June, 2018. A long list of world-renowned experts in the field of optics in complex media have been invited to speak at the event. Join them and find out the most recent research in the field.

Venue

The Topical Meetings will be held at the Conference Centre of the Consiglio Nazionale delle Ricerche, the former Royal Swedish Academy Solar Observatory, Via Ceselle, Anacapri (Na), Italy.

Chairs

- Luca Dal Negro, Boston University, US
- Vito Mocella, Consiglio Nazionale delle Ricerche, IT

Topics

- Complex electromagnetic media
- Optics of pseudo-random structures
- Aperiodic metamaterials
- Multiscale optical media and fractal optics
- Aperiodic order in Photonics
- Incommensurate structures and quasicrystals
- Aperiodic plasmonics
- Transport in aperiodic systems
- Photonic amorphous systems
- Numerical methods for waves in complex systems
- Hyperuniform optical media
- Analytical techniques in complex optics
- Wave localization in correlated aperiodic media
- Fractional transport in wave optics

Invited speakers

- Eric Akkermans, Technion Israel Institute of Technology, IL
- Jacopo Bertolotti, University of Exeter, UK
- Alexandra Boltasseva, Purdue University, US
- Mark Brongersma, Stanford University, US
- Hui Cao, Yale University, US
- Nader Engheta, University of Pennsylvania, US
- Shanhui Fan, Stanford University, US
- Carlo Forestiere, University of Naples Federico II, IT
- Azriel Genack, Queens College, NYU, US
- Steven Johnson, Massachusetts Institute of Technology, US
- Jacob Khurgin (John Hopkins University, US
- Tsampikos Kottos, Wesleyan University, US
- Ad Lajendijk, University of Twente, NL
- Fiorenzo Omenetto, Tufts University, US
- Walter Pfeiffer, University of Bielefeld, DE
- Felipe Pinheiro, Universidade Federal do Rio de Janeiro, Rio de Janeiro, BR
- Mikael C. Rechtsman, Pennsylvania State University, US
- Francesco Riboli, CNR and LENS, IT
- Peter Schmelcher, University of Hamburg, DE
- Vladimir Shalaev, Purdue University, US
- Concita Sibilica, Universtiy La Sapienza, Rome, IT
- Sergey Skipetrov, CNRS Grenoble, FR
- Igor Tsukerman, Akron University, US
- Nikolay Zheludev, University of Southampton, UK

Abstract Submission

Authors are requested to submit an abstract, minimum of 500 words and a maximum of three pages and preferably with at least one figure. Contributions will be accepted for oral and poster presentation, please indicate preference. All accepted contributions are to be published on the EOS Topical Meeting Proceedings.

Schedule

Submission Timeframe: 21 February – 9 April, 2018

Notification to authors: 16 April

Publication of the Advance Programme: 23 April

Early bird registration / Author registration: 4 May

Contact: info@myeos.org

