



## CALL FOR PAPERS

This event has the objective to bring together senior and junior scientists around the challenges that we are facing now in our field. While passing from an optical laboratory to a handheld device, the size, the cost, and the power consumption has to be reduced. Applied Science and Engineering have to merge to tackle these issues together.

The scope of the conference is large, since Integrated Optics and Photonics rely on many challenges. The topics involve devices, materials, applications, as well as industrial aspects. Submissions are welcomed for both oral and poster presentations.

Beyond the technical and scientific symposium, the conference is for both Industry and Academy who are playing an important role in this tremendous field. This long-term cooperation has always been the driving force, which makes nowadays Integrated Optics the unavoidable tool for future devices. Alongside the scientific program, an industrial exhibition is organized, where companies get an opportunity to present their key products and know-how on the booths, pitching in industrial sessions, as well as promoting their know-how on posters. Start-ups are given a special space to promote their expertise with a very low cost of 350 EUR. [Read more.](#)

The conference dinner will be held at Botania, the exciting botanical garden, with the perfect ambiance to celebrate light during the otherwise dark winter season. Botania is an event garden with several different climates, butterflies, and a great lighting and atmosphere, orchestrated by the light artist Kari Kola, the current owner of the event garden complex. Several events are organized at the venue monthly, varying from jazz concerts to Scientific events like the Scifest.

For this first meeting we expect a broad international audience. The main goals of the event are to meet around informal discussions, comforting collaborations, sharing ideas with academic and industrial partners.

**Chair:** Matthieu Roussey, University of Eastern Finland (FI)

**Co-Chair:** Nadège Courjal, Institute FEMTO-ST (FR)

### Invited speakers

Graham T. Reed, Southampton, UK

Andrey Lipovskii, St. Petersburg U., Russia

Marc Reig Escalé, ETH Zürich, Switzerland

Maria-Pilar Bernal, FEMTO-ST, France

### **Program Committee**

Dr. Thierry Grosjean, FEMTO-ST institute, France  
Dr. Gualtiero Nunzi Conti, CNR Firenze, Italy  
Prof. Emiliano Descrovi, Politecnico di Torino, Italy  
Prof. Zhipei Sun, Aalto University, Finland  
Dr. Mingde Du, Aalto University, Finland

### **Topics include**

The scope of the conference is large, since integrated Optics and Photonics rely on many challenges. We therefore propose (but we are not limited to) the following topics:

- **Devices:** From design to fabrication and characterization, the building blocks of integrated optics require a thorough understanding and challenging techniques. It include passive, active, and tunable devices.
- **Materials:** Silicon, silicon-based materials, III-V compounds, glasses, lithium niobate, polymers, 2D materials are some of the key materials allowing the expansion of the field of research.
- **Applications:** Telecommunication, quantum optics, sensing are among the most straightforward and important applications of integrated optics.
- **Towards industry:** scaling up the fabrication, packaging, electronic hybridization...

## **Abstract Submission Deadline (EXTENDED): 30 September 2019**

Abstracts are submitted online via Conftool: <https://www.conftool.com/intop2019>

- Authors are requested to submit a two-page abstract, which is formatted according to the EOS abstract guidelines. Both Word or LaTeX templates are available (see online)
- 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 integrated 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.

## **INDUSTRIAL EXHIBITION AND SPONSORING**

There will be an industrial exhibition where companies are entitled to present their key technology competences during the whole time of the conference. Companies can choose between several sponsoring options, including but not limited to: exhibition booth,

industrial posters, student awards, advertisements in the printed program and online, etc.

[Read more](#)

## Venue

University of Eastern Finland, Institute of Photonics, Metria, Yliopistokatu 7, 80100 Joensuu, Finland.

The conference will be held in Joensuu, Finland. The venue is located in the North Karelia region of Finland. In addition to the scientific program and the industrial exhibition, the attendees will have an opportunity to experience the unique Finnish spirit and some of the local delicacies during the evening events.

## Registration

The registration for EOS Topical Meeting on Integrated Optics 2019 includes admission to conference with lunches and coffee breaks, industrial exhibition, as well as the conference with dinner. At least one author of an accepted contribution is required to register in advance to the conference. The registration is open: <https://www.conftool.com/intop2019>

	<b>Early-bird (until 21 October)</b> excl. VAT*	<b>Regular (after 21 October)</b> excl. VAT*
<b><a href="#">EOS</a> and <a href="#">OSA</a> Members</b>	350,00 €	390,00 €
<b>Non-member</b>	450,00 €	490,00 €
<b>EOS Student Member</b>	250,00 €	270,00 €
<b>Student Non-Member</b>	350,00 €	395,00 €

## Accommodation

Rooms at special rates have been blocked at several hotels. The booking details, and information how to get to Joensuu can be found on the event website: <https://www.europtics.org/pages/events/intop/about/>

## Contact

European Optical Society

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Exhibitors



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