

7TH INTERNATIONAL SCHOOL AND CONFERENCE ON PHOTONICS
BELGRADE, SERBIA
26-30 August 2019

A wide-angle photograph of a modern cable-stayed bridge spanning a large river. The bridge features a central pylon with numerous stay cables. The scene is captured at sunset, with a warm orange and pink sky. The bridge's deck is silhouetted against the bright sky, and its reflection is visible in the water below. The text 'PHOTONICA 2019' is overlaid in large white letters on the water.

PHOTONICA 2019

A colorful, abstract logo consisting of several overlapping, swirling lines in shades of green, blue, and red, resembling a stylized photon or light path.

Second announcement

www.photonica.ac.rs

Dear colleagues,

We are pleased to invite you to participate at the SEVENTH International School and Conference on Photonics – **PHOTONICA2019** to be held in **Belgrade, Serbia, from 26th until 30th August 2019**. PHOTONICA2019 conference will be organized by the Vinča Institute of Nuclear Sciences, Belgrade, Serbia, Optical Society of Serbia and Serbian Academy of Sciences and Arts. This biennial event covers a wide range of various topics in photonics with permanently increasing number of participants and world-renowned names for this field. Our aim is to provide a forum for education of young scientists, to exchange knowledge and new ideas, and foster collaboration between scientists and engineers working within emerging areas of photonics science and technology. Moreover, having in mind that industry is constantly seeking for new technologies, we organize several joint events comprising a blend of fundamental and applied research within the photonics scope in machine learning and physics of synchrotrons. We kindly invite you to visit our website, register and join us!

Organizers: Vinča Institute of Nuclear Sciences (INNV)
Optical Society of Serbia (OSS)
Serbian Academy of Sciences and Arts (SASA)

Organizing Committee: Chair: Petra Beličev (INNV)
Co-Chair: Marko Krstić (ETF)
Secretary: Milica Matijević (INNV)
Webmaster: Goran Gligorić (INNV)

Technical Organizer: Panacomp - Zemlja čuda

Contact information: Vinča Institute of Nuclear Sciences

Address: Mike Petrovića Alasa 12-14, P.O. Box 522, 11351 Belgrade, Serbia

Phone: +381 11 3408 101; **Fax:** +381 11 8066 425;

Email: photonica2019@ipb.ac.rs



Conference topics

Nonlinear optics
Optical materials
Biophotonics
Devices and components
Optical communications
Quantum optics and ultracold systems
Laser spectroscopy and metrology
Ultrafast optical phenomena
Laser-material interaction
Optical metamaterials and plasmonics
Machine learning in photonics
Other topics in photonics

Joint events

Machine Learning in Photonics Symposium

(co-organized with Prof. Darko Zibar, DTU and programme partners H2020-RISE-CARDIALLY, H2020 – MULTIPLY and H2020-EID-FONTE)

The European synchrotron and FEL user organization (ESUO) Regional Workshop

COST action CA16221 ATOM-QT

Scientific committee

Aleksandar Krmpot, Serbia
Antun Balaž, Serbia
Arlene D. Wilson-Gordon, Israel
Bojan Resan, Switzerland
Boris Malomed, Israel
Branislav Jelenković, Serbia
Dejan Gvozdić, Serbia
Detlef Kip, Germany
Dragan Inđin, United Kingdom
Edik Rafailov, United Kingdom
Feng Chen, China

Francesco Cataliotti, Italy
Giannis Zacharakis, Greece
Goran Isić, Serbia
Goran Mašanović, United Kingdom
Isabelle Philippa Staude, Germany
Jelena Radovanović, Serbia
Jerker Widengren, Sweden
Jovana Petrović, Serbia
Laurent Sanchez, France
Ljupčo Hadžievski, Serbia
Marco Santagiustina, Italy

Milan Mašanović, USA
Milan Trtica, Serbia
Miloš Živanov, Serbia
Milutin Stepić, Serbia
Milivoj Belić, Qatar
Nikola Stojanović, Germany
Pavle Anđus, Serbia
Peđa Mihailović, Serbia
Radoš Gajić, Serbia
Schaaf Peter, Germany
Sergei Turitsyn, United Kingdom

Suzana Petrović, Serbia
Ticijana Ban, Croatia
Vladana Vukojević, Sweden
Zoran Jakšić, Serbia
Željko Šljivančanin, Serbia

Main program



Tutorial speakers

Christian Eggeling, UK
David Campbell, US
Gerd Leuchs, DE
Stefano Giorgini, IT
Yashaiahu Fainman, US

Keynote speakers

Karl Unterrainer, AT
Nikos Pleros, GR
Sergej Flach, KR
Sven Burger, DE
Thierry Verbiest, BE
Thorsten Wohland, SG

Invited speakers

Aleksandar Milosavljević, FR	Konstantinos Makris, GR
Andrei Yu. Panarin, BY	Michael Gensch, DE
Arne Wickenbrock, DE	Michael Pravica, US
Boštjan Batagelj, SI	Miloš Nedeljković, UK
Concita Sibilila, IT	Sebastian Frische, DK
Damir Aumiler, HR	Sergey Kudryashov, RU
Dejan Zečević, US	Rodrigo Vicencio, CL
Jin-Dong Song, KR	Vincent Boyer, UK
Jörn Bonse, DE	Zoran Mišković, CA

Progress Reports

Andrej Bunjac, RS
Angelina Totović, GR
Danka Stojanović, RS
Dejan Pjević, RS
Diego Silva-Guzman, CL
Iva Popović, RS
Maja Nešić, RS
Marko Opačić, RS
Mioljub Nešić, RS
Nikola Vuković, RS
Radovan Dojčilović, RS
Veljko Janković, RS

For more information about program visit
<http://www.photonica.ac.rs/speakers.php>

Machine Learning in Photonics Symposium

Co-organized with Prof. Darko Zibar (DTU) and programme partners
H2020-RISE-CARDIALLY, H2020 – MULTIPLY and H2020-EID-FONTE

Invited speakers

Darko Zibar, DK

David Saad, UK

Daniel Brunner, FR

Diederik Wiersma, IT

Ljupčo Kocarev, MK

Daniel Pérez López, ES

Goery Genty, FI

Igor Ilić, RS

Ori Katz, IL

Hilton Aguiar, FR

Christopher Moser, CH

Mathieu Chagnon, DE

Marija Ivanović, RS

Alexey Kohanovsky, RU

Karina Litvinova, UK

Sergei Turtaev, DE

ESUO-FEL Users Workshop (28th August 2019)

Invited speakers

Ullrich Pietsch, DE
Katarina Vogel Mikuš, SI
Dušan Božanić, RS
Robert Richeter, IT
Maja Mičetić, HR
Rainer Lechner, AT
Ana Sofia Freire Anselmo, DE



For more information about program visit
http://uranus.ipb.ac.rs/~esuo-serbia/regional_workshop.html

Registration – full PHOTONICA2019 program

Before June 15th 2019 **After June 15th 2019**

Regular/Researchers:	300 EUR	350 EUR
Student:	120 EUR	150 EUR
Accompanying persons:	60 EUR	80 EUR

The registration fee for regular participants and students includes: Coffee breaks, Welcome cocktail, Book of abstracts and conference material, Conference dinner and Excursion. The registration fee for accompanying persons includes Welcome cocktail, Conference dinner and Excursion.

Registration – only Machine Learning in Photonics Symposium

Before June 15th 2019 **After June 15th 2019**

Regular/Researchers:	230 EUR	280 EUR
Student:	100 EUR	130 EUR

For participants attending **ONLY ML-Photonica 2019**, registration fee does not cover conference dinner and excursion.

Registration – only ESUO Workshop

Regular/Researchers:	100 EUR
Student:	100 EUR

For participants attending **ONLY ESUO Worskop**, conference fee covers:

- One refreshment during a half-day ESUO Regional Workshop
- Book of Abstracts and printed conference material.



Abstract submission deadline is **June 1st 2019!**

Support

Due to kindness of our sponsor OSA , a limited number of grants are available to support selected student participants of PHOTONICA2019 from developing countries.

Contributed talk

Possibility for authors to present their abstract as a 15 min oral presentation.

Poster

Possibility for authors to present their abstract at the poster session.

Venue

The conference will take the place in the ceremony hall of Serbian Academy of Science and Arts, located in the city center, in the Knez Mihailova Street, the main pedestrian street. Many hotels, restaurants, parks, and tourist sites are within the walking distance from the conference place.



Location

The capital of Serbia is one of the oldest cities in Europe, founded on the confluence of Sava and Danube rivers.

Today, Belgrade is a modern European city with population of about 1.7 million people. It is an administrative, political and cultural centre of the country.

Sponsors

