

Call for Papers

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8th International Workshop on Nanocarbon Photonics and Optoelectronics (NPO2020)

27 – 31 July, 2020, Holiday Centre “Huhmari”, Polvijärvi, Finland



Lake Höytiäinen, North Karelia, Finland

Workshop Co-Chairs

Esko Kauppinen, Aalto University, Finland

Alexander Obraztsov, M. V. Lomonosov Moscow State University, Russia

Yuri Svirko, University of Eastern Finland, Finland

Scope

The NPO2020 is the Eighth Workshop in a series of meetings devoted to progress in the photonics and optoelectronics of carbon and 2D materials. The Workshop will be focused on fundamentals and applications of graphene and other two-dimensional materials, carbon nanotubes and nanodiamonds. The NPO2020 subjects are the following:

- **Photonics and optoelectronics with graphene and carbon nanotubes**
- **Electrodynamics of 2D materials**
- **Nonlinear optics and lasing in 2D materials**
- **Sensing and quantum information processing with diamond color centers**
- **Synthesis and characterization of nanocarbons and 2D materials beyond graphene**

Workshop program

The scientific program begins on Tuesday, July 28, and ends on Friday, July 31, 2020. The program will include invited lectures, invited talks as well as oral and poster presentations. List of invited speakers will be published at <http://www.npo.fi/invited-speakers-2020>. Titles and abstracts of the lectures and invited talks will be available in the Workshop website by April 2020.

Venue & how to get there

Holiday Centre “Huhmari” offers all the comforts for a scientific meeting combined with an opportunity to enjoying the wonderful and unique landscape of North Karelia, one of the most beautiful parts of the Finland’s lake district. The Workshop venue is situated near Joensuu, the capital of the North Karelia, on the shores of the Höytiäinen, 15th largest lake in Finland. Its broad waters and numerous islands provide visitors with magnificent scenery.

Distance between Joensuu and Holiday Centre Huhmari is about 30 km. Joensuu can be easily reached by plane or train from Helsinki. Bus transportation between Joensuu and the Holiday Centre “Huhmari” will be arranged by the organizers.

When you travel to Finland by plane, you will most probably arrive at Helsinki-Vantaa international airport, which is served by many airlines. There are several flights per day between Helsinki-Vantaa and Joensuu with Finnair. Timetables can be found at <http://www.finnair.com>.

The railway link between Helsinki and Joensuu is operated by VR. There are several daily connections, the travel time is about four and half hours. If you arrive at Helsinki-Vantaa airport and wish to continue to Joensuu by train, you may take a local train from the airport (the train station is situated between terminals 1 and 2) to Tikkurila train station and change to intercity train for Joensuu. The travel time between the airport and Tikkurila station is about 10 minutes. If you wish to stay in Helsinki overnight, you can begin your train journey from the Helsinki railway station.

The distance between Helsinki and Joensuu is around 400 km, i.e. the car journey may require up to six hours. You may rent a car from one of the international car rental companies at Helsinki-Vantaa airport.

NPO2018 submission and registration

Please prepare your abstract using MSWord NPO2020 template available at <http://www.npo.fi/templates> and send it to yuri.svirko@uef.fi. You may submit your contribution any time until 04.05.2020. You will be informed on the status of your submission by 25.05.2020.

The on-line registration/payment will be available from April 2020.

The NPO2020 **registration and payment deadline is 26.06.2020**. Since the number of rooms allocated for NPO2018 participants at the Holiday Center “Huhmari” is limited, post-deadline and on-site registration may be not possible.

Accommodation and registration fee

The registration fee depends on the lodgings chosen. Please check the details of the lodging facilities at the Holiday Center website: <https://www.lomakeskushuhmari.com/en/accommodation/>.

Three accommodation options are available:

€600	3 persons share a cottage
€700	2 persons share a cottage
€850	single person in a cottage

The NPO2020 registration fee includes

- accommodation of your choice for 5 nights (27 - 31.07.2020)
- Welcome dinner on Monday, July 27
- Breakfast, lunch and dinner for 27 – 31 July
- Breakfast on Saturday, August 1
- Coffee breaks
- NPO2020 reception followed by Lake Höytiäinen cruise on July 31
- Workshop Proceedings

Registration of accompanying persons will be available until 26.06.2018. **Registration fee of accompanying person is €100 lower** than that of the regular participant. Children (4-14 years) accommodation in extra bed is also available on request.

You will have an opportunity to extend your stay at the Holiday Center “Huhmari” for several days before July 27, however booking should be made well in advance.

Financial support

Partial financial support may be available for students. The application for financial support including CV, list of publications and a letter of recommendation from the applicant scientific advisor should be submitted by 04.05.2020.

Important dates:

Abstract submission deadline	May 4, 2020
Notification of acceptance	May 25, 2020
Registration and payment deadline	June 26, 2020

Pre/post-conference activities

Your trip to NPO2020 will probably include Helsinki. Being the capital of Finland, Helsinki has numerous tourist attractions (see <http://www.helsinki.fi>), therefore being well worth a short stay either before or after the conference. You may also check pages of Finnish tourist board (<http://www.mek.fi>).

Since 1912 the Olavinlinna Castle, hosts famous Savonlinna Opera Festival that takes place annually in July. The festival program is available at <http://www.oopperajuhlat.fi/en>. If you wish to attend the festival, please note that tickets and accommodation should be reserved well in advance.

You may consider also combining your participation in NPO2020 with visiting St. Petersburg (Russia), which is 400 km away. You can visit St. Petersburg by Allegro high-speed train (see <https://www.vr.fi/cs/vr/en/st-petersburg-tips>), taxi or express bus providing you have Russian visa. **Visa-free travel to St. Petersburg** is possible if you enter St. Petersburg by ferry from Helsinki. Please check details at <https://stpeterline.com/-/visa-free-rule>.

Further information:

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