



UNIVERSITY OF
EASTERN FINLAND

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Call for Papers

8th International Workshop on Nanocarbon Photonics and Optoelectronics (NPO2022)

31 July – 5 August, 2022, Holiday Centre “Huhmari”, Polvijärvi, Finland



Lake Höytiäinen, North Karelia, Finland

Workshop Co-Chairs

Alexander Obraztsov, University of Eastern Finland, Finland

Yuri Svirko, University of Eastern Finland, Finland

Scope

The NPO2022 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 NPO2022 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 Monday, August 1, and ends on Thursday, August 4, 2022. 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>. Titles and abstracts of the lectures and invited talks will be available in the Workshop website.

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 www.amapola.nu.

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.

NPO2022 submission and registration

Please prepare your 1-page abstract using MSWord template available at <https://www.npo.fi/registration-and-submission/> and send it to yuri.svirko@uef.fi. The abstract submission deadline is 13.05.2022. You will be informed on the status of your submission by 27.05.2022.

The on-line registration/payment will be available in June 2022.

The NPO2022 **registration and payment deadline is 01.07.2022**. Since the number of rooms allocated for NPO2022 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 NPO2022 registration fee includes

- accommodation of your choice for 5 nights (31.07-05.08.2022)
- Welcome dinner on Sunday, July 31
- Breakfast, lunch and dinner for 1-4 August
- Breakfast on Friday, August 5
- Coffee breaks
- NPO2022 reception followed by Lake Höytiäinen cruise on August 4
- Workshop Proceedings

Registration of accompanying persons will be available until 01.07.2022. **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 31, 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 13.05.2022.

Important dates:

Abstract submission deadline	May 13, 2022
Notification of acceptance	May 27, 2022
Registration and payment deadline	July 1, 2022

Pre/post-conference activities

Your trip to NPO2022 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>. Distance between the NPO2022 venue and Savonlinna is about 150 km. If you wish to attend the festival, please note that tickets and accommodation should be reserved well in advance.

Further information:

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