

Call for Papers

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5th International Workshop NPO2016 Nanocarbon Photonics and Optoelectronics

1 -6 August 2016, Holiday Club Saimaa, Lappeenranta, Finland



Workshop Co-Chairs

Esko Kauppinen, Aalto University, Finland

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Program Committee

Hirofumi Kataura, AIST, Japan

Guglielmo Lanzani, Politecnico di Milano, Italy

Elena Obraztsova, Prokhorov General Physics Institute, Russia

Scope

Both fundamental and application problems related to the photonic and optoelectronic applications of nanocarbon materials have recently attracted the attention of research community worldwide. The NPO2016 is the fifth workshop in a series of meetings devoted to progress in this field. The Workshop will be focused on photonics and optoelectronics of graphene and other two-dimensional materials, topological insulators, carbon nanotubes and nanodiamonds. The subjects included are the following:

- **Photonics and optoelectronics with graphene and carbon nanotubes**
- **Electronic properties of diamonds and nanodiamonds**
- **Nonlinear optics of graphene and other two-dimensional materials**
- **Light-induced currents in topological insulators**
- **Synthesis and characterization of nanocarbon materials**

Workshop program

The scientific program begins on Tuesday, August 2, and ends on Friday, August 5, 2016. The program will include invited lectures as well as oral and poster presentations. The NPO2016 schedule-at-a-glance is available at <http://www.npo.fi/npo2016/workshop-program>.

Invited lectures and talks will be presented by

- **Amir Boag**, Tel Aviv Univ, Israel
- **Andrey Chuvilin**, CIC nanoGUNE, Spain
- **Laszlo Forro**, EPFL, Switzerland
- **Andrea Ferrari**, Univ Cambridge, UK
- **Tony Heinz**, Stanford Univ, USA
- **Tobias Hertel**, Univ Wurzburg, Germany
- **Hirofumi Kataura**, AIST, Japan
- **Guglielmo Lanzani**, Politecnico di Milano, Italy
- **Yan Li**, Peking Univ, China
- **Annick Loiseau**, ONERA, France
- **Larry Luer**, IMDEA Nanoscience, Spain
- **Shigeo Maruyama**, Univ Tokyo, Japan
- **Janina Maultzsch**, Tech Univ Berlin, Germany
- **Robert Nemanich**, Arizona State Univ, USA
- **Nasser Peyghambarian**, Univ Arizona, USA
- **Olga Shenderova**, International Technology Center, USA
- **Anna Swan**, Boston Univ, USA
- **Jun Wang**, Chinese Academy of Sciences, China

Titles and abstracts of the invited talks will be published at the Workshop website <http://www.npo.fi>.

Venue & how to get there

Holiday Club Saimaa offers all the comforts for a scientific meeting combined with an opportunity to enjoying the wonderful and unique landscape of South Karelia, the most beautiful parts of the Finland lake district. The Workshop venue is situated on the shores of Saimaa, the largest lake in Finland. Its broad waters and numerous islands provide visitors with magnificent scenery.

Holiday Club Saimaa is easily accessible via Highway 6 through Vesivalo interchange (junction 62).

Distances to Holiday Club Saimaa

Imatra:	7 km
Lappeenranta:	35 km
Helsinki:	250 km
St Petersburg:	230km

NPO2016 submission and registration

Please prepare your abstract using MSWord [NPO2016 template](#) and send it to yuri.svirko@uef.fi time until 06.05.2016. You will be informed on the status of your submission by 20.05.2016.

On-line registration and payment with bank and credit cards is available at <https://www.lyyti.in/NPO2016>. Your registration fee depends on the accommodation chosen.

Accommodation and registration fee

The following accommodation options are available:

1. [Hotel](#) (single and twin rooms).
2. 1-bedroom and 2-bedroom [holiday flats](#) situated in close vicinity or annexed to the main building (1 – 4 persons).
3. [Two-bedroom 68m² holiday apartments in Anttilankaari area](#) located approximately 300-500 meters from the main building (2 - 6 persons).
4. [Two-bedroom 57m² holiday apartments in Rantapuisto area](#), approximately 300-500 meters from the main building (2 - 4 persons).
5. [Two-bedroom 56m² holiday apartments in Saimaanranta area](#), approximately 800-1200 meters from the main building (2 – 4 persons).

You can find more information on the lodging at the Holiday Club website <http://www.holidayclubresorts.com/en/resorts/saimaa/accommodation/>.

The registration fee depends varies from €550 (6 persons to share a two-bedroom apartment in Anttilankaari area) to €1050 (single accommodation in the one-bedroom holiday flat). Detailed information can be found at <http://www.npo.fi/fi/accommodation-and-registration-fee>.

The NPO2016 registration fee includes

- accommodation of your choice for 5 nights (01.08 - 05.08.2016)
- Welcome dinner on Monday, August 1
- breakfast and lunch at the Holiday Club restaurant for 2-5 August
- coffee breaks
- Breakfast on Saturday, August 6
- Workshop reception and Saimaa lake boat trip
- Workshop Proceedings

The NPO2016 registration and payment deadline is 10.06.2016. Since the number of apartments allocated for NPO2016 participants at the Saimaa Holiday Centre is limited, post-deadline and on-site registration may be not possible.

Registration of accompanying persons will be available until 10.06.2015. Registration fee of accompanying person is **€100 lower** than that of the regular participant.

You will have an opportunity to extend your stay at the Holiday Club for several days before August 1 or after August 6.

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 06.05.2016.

Important dates:

Abstract submission deadline	May 6, 2016
Notification of acceptance	May 20, 2016
Registration and payment deadline	June 10, 2016

Pre/post-conference activities

Your trip to NP2016 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>).

The city of Savonlinna is located some 150 km away from the NPO2016 venue and is reachable from there by bus or train. The main attraction of Savonlinna, a town surrounded by Saimaa lake, is the Olavinlinna Castle, one of the biggest medieval fortresses in Europe. In 2016, a famous Savonlinna Opera Festival that takes place in the castle will last until August 6. The festival program can be found at <http://www.oopperajuhlat.fi/en/Season-and-Tickets/Season-2016>. Please note that tickets should be reserved well in advance.

You may consider also combining your participation in NPO2016 with visiting St. Petersburg, which is 230 km away. You can visit St. Petersburg by Allegro high-speed train (see [St.Petersburg by train](#)) 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 (see [Ferry to St.Petersburg](#)).

Further information:

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<http://www.npo.fi>