

# CALL FOR PAPERS

# ICNN2022

Submission deadline: 14<sup>th</sup> Jan. 2022

International Conference on  
Nano-photonics and Nano-  
optoelectronics

Optics & Photonics International Congress 2022

18-22 April 2022

<http://www.icnn.iis.u-tokyo.ac.jp>



**Welcome** to the International Conference on Nano-photonics and Nano-optoelectronics, which will be held as an online conference as part of the Optics & Photonics International Congress, based in Yokohama, Japan. The development of nanoscale devices is an area of research making great strides in both academic and industrial laboratories around the world. This conference will bring together likeminded researchers working in the areas of nano-photonics and nano-optoelectronics, and will provide ample opportunities for peer-interaction, inspiring presentations, exciting discussions, and invigorating debates.

As part of the OPTICS & PHOTONICS International Congress 2022 (OPIC'22), attendees to ICNN2022 will have access to all other concurrent conferences and the exhibition. See <http://opicon.jp/> for details.

## CONFERENCE SCOPE

- Fundamentals of light matter interaction in nanostructures
- Silicon photonics
- Semiconductor nano-scale devices
- Quantum dots and nanowires
- Quantum well, quantum dot and quantum cascade lasers
- Quantum optics and Quantum information technology
- Photonic crystals
- Spintronics
- Nanolasers
- Near-field optics
- Plasmonics
- Solar cells
- Bio-photonics
- Metamaterials
- Integrated photonic circuits

**The official language of the conference is English**

## ABSTRACT SUBMISSION

Abstract submission can be made via the registration web site below. Please prepare a PDF file of your abstract, which should include all fonts and graphics embedded in the file (the template can be found on the conference website). Authors are requested to check their file before submission. Please make sure to submit your PDF abstract to the submission site no later than the deadline of **14<sup>th</sup> Jan. 2022** Submission website: [opicon.jp/submission](http://opicon.jp/submission)

## CONFERENCE STYLE

ICNN2022 is scheduled to be an in-person conference, though the conference style could be modified in response to the COVID-19 pandemic.

Please check the conference webpage for any further updates.

<http://www.icnn.iis.u-tokyo.ac.jp>

## CONFERENCE COMMITTEE

**Organizing committee:** chair: Yasuhiko Arakawa (The University of Tokyo)  
vice chair: Susumu Noda (Kyoto University)  
secretary: Jun Tatebayashi (Osaka University)  
members: Toshihiko Baba (Yokohama National University)  
Yasufumi Fujiwara (Osaka University)  
Yoichi Kawakami (Kyoto University)  
Takashi Kita (Kobe University)  
Takuo Tanaka (RIKEN)

**Steering committee:** chair: Takahiro Nakamura (PETRA)  
vice chair: Takashi Asano (Kyoto University)  
secretary: Mark Holmes (The University of Tokyo)  
members: Makoto Okano (AIST)

**Program committee:** co-chair: Shinji Matsuo (NTT)  
co-chair: Toshiharu Saiki (Keio University)  
co-vice chair: Satoshi Iwamoto (The University of Tokyo)  
co-vice chair: Takasumi Tanabe (Keio University)  
secretary: Yasutomo Ota (Keio University)  
secretary: Wakana Kubo (Tokyo University of Agriculture and Technology)  
members: TBA