

5th International Workshop on Nano-Micro Thermal Radiation

Hokkaido Univ., Sapporo, Hokkaido, Japan

Web page : <http://nanorad2024.org/>

Dates : 17-19 July, 2024

Invitation

In the past three decades, the study on nano/microscale thermal radiation has made great progress with the development of nanoscience, nanotechnology, and received significant attention due to its potential application to thermal imaging, energy harvesting, nanomanufacturing, heat flow regulation and local heating below the diffraction limit. Also, by understanding the mechanism of nano-microscale thermal radiation, the performance of various devices can benefit from the modification of reflection, transmission, absorption and emission spectra using micro / nanostructures.

The International Workshop on Nano-Micro Thermal Radiation (NanoRad) has provided an opportunity for leading scientists and young researchers around the world to discuss and exchange the research ideas, recent findings and discoveries, and future outlooks in the field of nano-radiation. Following the First International Workshop held in May 2012 in Matsushima, Japan, NanoRad has been held subsequently in 2014 in Shanghai, China and 2017 in Daejeon, South Korea. The fourth International Workshop on Nano-Micro Thermal Radiation (NanoRad 2020) was unfortunately cancelled due to COVID-19. The fifth International Workshop on Nano-Micro Thermal Radiation (NanoRad 2024) will be held on 17-19 July, 2024, in Sapporo, Japan.

Important Dates

February 17, 2024

Submission of one page abstract for oral presentation

April 17, 2024

Submission of one page abstract for poster presentation

May 17, 2024

Early Registration Due

Plenary Speakers

Prof. Gang Chen

Massachusetts Institute of Technology (MIT)

Prof. Philippe Ben-Abdallah

Centre national de la recherche scientifique (CNRS)

Prof. Masahiro Nomura

The University of Tokyo

Prof. Shanhui Fan

Stanford University, USA

Conference Chairs

Chair

Koji Miyazaki, Kyushu University, Japan
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Co-chair

Sheng Shen, Carnegie Mellon University, USA
Mauro Antezza, Universite de Montpellier, France

Local Organizing Committee

Chair

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