

2nd CALL FOR PAPER

TWHM 2024

15th Topical Workshop on Heterostructure Microelectronics

August 26th-29th, 2024, SENDAI SUNPLAZA Hotel, Japan

Deadline for abstract submission: April 27, 2024

<https://www.rciqe.hokudai.ac.jp/twhm2024/>

Workshop Co-Chairs:

Michihiko Suhara (Tokyo Metro. Univ.)

Elke Meissner (Fraunhofer IISB)

David Meyer (Naval Research Laboratory)



Three Most Scenic Spot of Japan

MATSUSHIMA at Miyagi prefecture

260 small pine-covered islands arising from the pale blue sea



TWHM

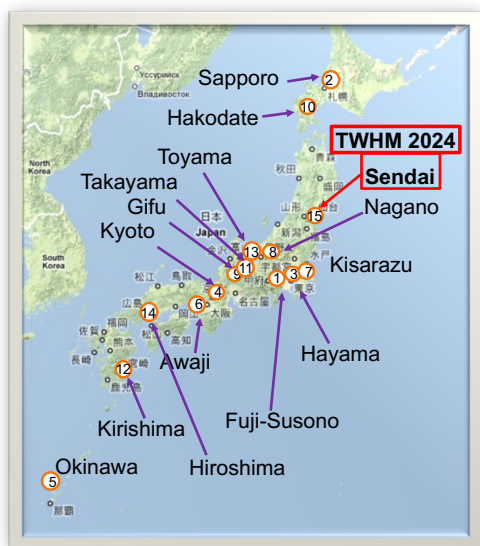
This workshop focuses on advanced micro- and nano-electronics based on semiconductor heterostructures. Materials of interest include III-Vs (III-Ns), group IV, oxide semiconductors, 2D layered materials, nano-carbons, and other heterostructure-based materials and devices. Various application areas such as power, high-speed and high-frequency applications, and also sensors, solar cells, are in the scope of the workshop. The workshop consists of about 20 invited papers selected from the leading edge of these fields and about 50 contributed papers.

Technical Topics

1. Semiconductor Heterostructure materials & characterization
2. Electron devices & process development
3. High frequency, high speed and THz electronics
4. Power electronics
5. Sensors, Solar cells, Emerging materials & devices
6. Circuit implementation and system applications
7. Manufacturing technology and reliability issues

Venue

SENDAI SUNPLAZA Hotel, Sendai, Miyagi, Japan
<https://www.sendai-sunplaza.com/english/>



Submission of papers

Please submit two-page abstract in A4 or Letter size written in English. Your abstract must clearly and concisely state the specific results of your work. Within the two-page limit, the abstract should include appropriate figures and key references. An application form should be also sent with the

abstract. The example abstract and the application form will be uploaded on the website.

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