

CALL FOR PAPERS

TWHM 2017

12th Topical Workshop on Heterostructure Microelectronics

Hotel Kyocera, Kirishima, Kyushuu, Japan
August 28-31, 2017

<http://www.rciqe.hokudai.ac.jp/twhm2017/>



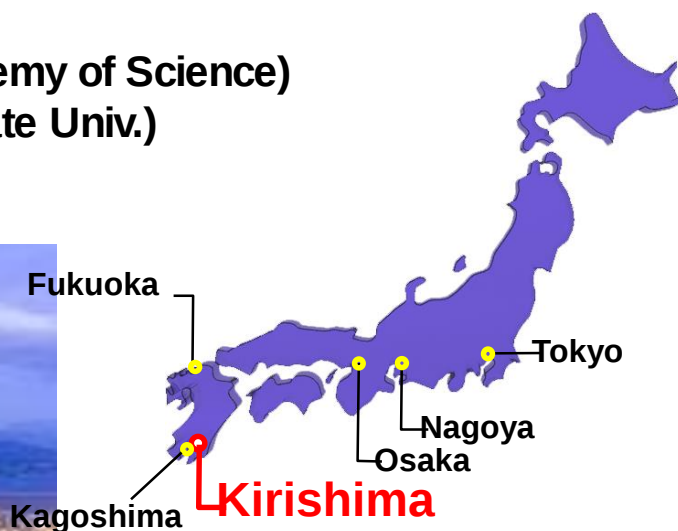
**Deadline for abstract submission:
April 25, 2017**

Workshop Co-chairs:

Naoki Hara (Fujitsu Lab.)

Jan Kuzmik (Slovak Academy of Science)

Siddharth Rajan (Ohio State Univ.)



TWHM

This workshop focuses on advanced micro- and nano-electronics based on semiconductor heterostructures. Devices and materials include III-Vs, group IV and other semiconductors. Areas of interest are not only limited to high-speed and high-frequency, but also power applications due to the recent progress in wide bandgap devices. 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 electronics
- (4) Power electronics
- (5) Circuit implementation and system applications
- (6) Manufacturing technology and reliability issues

SUBMISSION OF PAPERS

To present a paper, 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 (example file: [abst-ref.pdf](#)). Please prepare an Application Form ([form.doc](#)).

Please send the two-page abstract in PDF format and an application form via e-mail to

twhm-abst@rciqe.hokudai.ac.jp

Abstract Submission Deadline: April 25, 2017

Notification of Acceptance: July 1, 2017

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Jan Kuzmik (Slovak Academy of Science)
Siddharth Rajan (Ohio State Univ.)

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Tsutomu Uesugi (Toyota Cent. R&D Labs.)
Yoshitsugu Yamamoto (Mitsubishi)

Keynote Speaker

Werner Prost (Univ. Duisburg-Essen)

“Future of III/V Nanowires: Physics or Engineering?” (tentative)

Invited Speakers (TBD)