

2nd announcement

IMFEDK 2015

The 2015 International Meeting for Future of Electron Devices, Kansai
June 4-5, 2015, Ryukoku University Avanti Kyoto Hall, Kyoto, Japan

<http://www.imfedk.org/>

The 13th Conference Theme:

New functional devices for the next generation

The 13th IMFEDK is cosponsored by IEEE EDS Kansai Chapter and technically cosponsored by IEEE MTT-S Kansai Chapter.

Important dates:

- (1) Deadline of short-abstract submission: **Feb. 27, 2015.**
 - (2) Notification of acceptance: **Mar. 11, 2015.**
 - (3) Deadline of final paper submission: **Mar. 27, 2015.**
- All authors have to verify that their PDF is IEEE Xplore®-compatible on the PDF eXpress® site.

IMFEDK2015 Scope

The meeting covers all areas of electron devices: Si-devices, compound semiconductor devices, emerging solid-state devices, circuit technology and related modeling, simulations, characterization, material and process technologies, microwave theory and technologies.

Location

Kyoto is one of the best sightseeing spots in Japan. Detailed access map to Ryukoku University Avanti Kyoto Hall is available at <http://www.ryukoku.ac.jp/ryudaihall/access/>

Official Language

English will be used for all printed materials, presentation and discussion, except tutorials.

IMFEDK Awards (Best Paper, Student Paper)

The IMFEDK Awards will be awarded to the limited excellent papers written and presented by IEEE members. Only the first author, in the case of Student Paper Award, is honored with testimonials during the IMFEDK Meeting.



Ryukoku University Avanti Kyoto Hall
“龍谷大学アバンティ響都ホール”

Keynote Speaker:

Shinich Takagi (The University of Tokyo)

“III-V/Ge MOSFETs and Tunneling FETs on Si platform for Low Power Logic Applications”

Invited Talks:

Compound devices: Subramaniam Arulkumar (Nanyang Technological University)

“Nano-Channel InAlN/GaN Fin-HEMTs for Ultra- High-Speed Electronics”

Si devices: Takashi Matsukawa (AIST)

“Evolution of nano-scale CMOS technology for ultra-low-power application”

Emerging: devices: Takashi Morie (Kyusyu Institute of Technology)

“CMOS Circuits and Nanodevices for Spike Based Neural Computing”

Tutorials (in Japanese):

Masafumi Hashimoto (Toyota Central R&D Labs.-Retired)

“Development history of blue light-emitting-diodes (青色 LED 開発物語)”

Toshio Ishizaki (Ryukoku University)

“Fundamentals and Applications of Microwave Technology (マイクロ波技術の基礎と応用)”

IMFEDK2015 Organization

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Y. Omura Kansai University

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