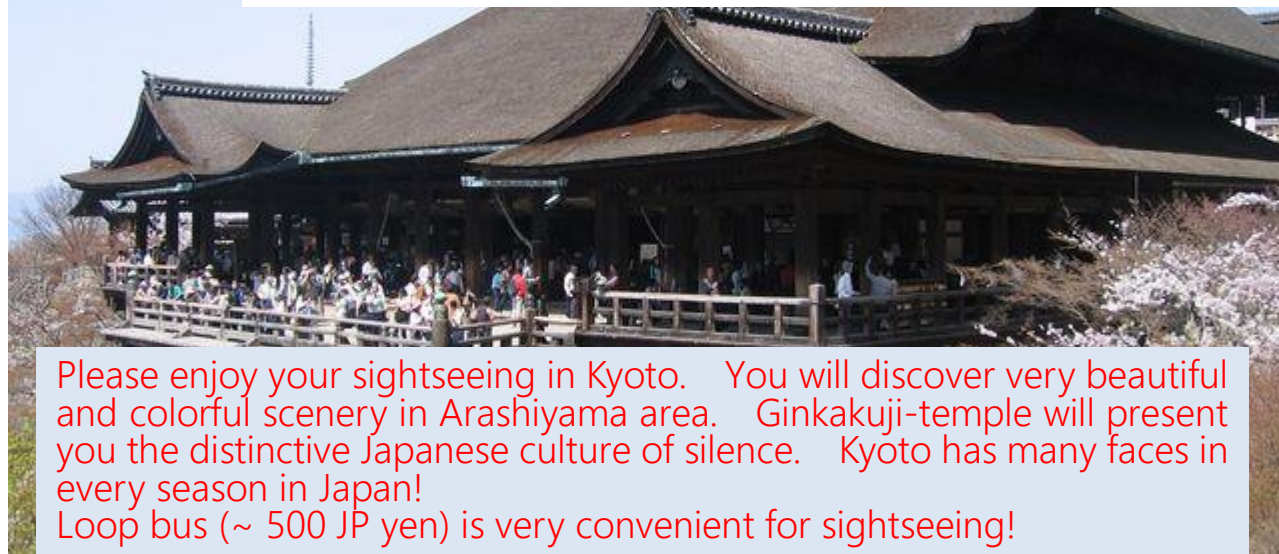


# *IEEE IMFEDK 2019, 17<sup>th</sup> Meeting*

## *Emerging Topics and Advanced Electronics*



Please enjoy your sightseeing in Kyoto. You will discover very beautiful and colorful scenery in Arashiyama area. Ginkakuji-temple will present you the distinctive Japanese culture of silence. Kyoto has many faces in every season in Japan!  
Loop bus (~ 500 JP yen) is very convenient for sightseeing!



Past IMFEDK has given scientists chances to share advanced knowledge and university students chances to discover something new!

This year, IMFEDK will renew its meeting style and will propose an excellent opportunity for every attendee.

The conference committee will present many interesting talks given by worldwide scientific leaders and excellent invited speakers.

### **Keynote speeches:**

#1 Prof. Akira Hirose (Univ. Tokyo), “Physical reservoir computing devices and complex-valued neural networks”

#2 Prof. Yoshiaki Nakamura (Osaka Univ.), [Thermoelectronics]

### **Invited talks:**

#1 Dr. Masataka Higashiwaki (NICT, Japan), “Process and Characterization of Vertical Ga<sub>2</sub>O<sub>3</sub> Transistors”

#2 Mr. Munetaka Noguchi (Mitsubishi Electric), “Limiting factors of inversion layer mobility in Si-face 4H-SiC MOSFETs”

#3 Dr. Atsushi Fukui (Sharp), [Solar battery]

#4 Prof. Taro Hitosugi (TiTech), [Solid-State Battery]

#5 Dr. Yukari Ishikawa (JFCC), “Analysis and detection of dislocations in GaN”

#6 Prof. Hirotake Kajii (Osaka Univ.), [Opto-electronic Devices and Materials]

### Important dates:

**(1) Regular paper submission deadline: August 15<sup>th</sup>, 2019.**

Notification by e-mail: August 31<sup>st</sup>, 2019.

Final paper deadline: September 10<sup>th</sup>, 2019.

**(2) Student paper submission deadline: August 31<sup>st</sup>, 2019**

**(3) Early registration deadline: September 30<sup>th</sup>, 2019.**

Registration fee: “8,000 Jpn. Yen” (IEEE member), “10,000 Jpn. Yen” (non member), **free for students.**

**(4) Advanced registration at the conference site: November 14<sup>th</sup>, 2019.**

Registration fee: “10,000 Jpn. Yen” (IEEE member), “12,000 Jpn. Yen” (non member), **free for students.**

### Registration information:

All attendees must send the registration sheet (downloaded at the IMFEDK site) to the conference secretary.

**Travel information:** Kyoto Avanti Hall is in front of the south exit of JR Kyoto station.

(1) Attendees will find many hotels around JR Kyoto stations.

(2) Foreign attendees coming from Kansai Int. Airport (KIX) are recommended to use limited express “Haruka” from KIX to JR Kyoto station due to its direct access (~90 min.).

### IMFEDK Committee

*General Chair:* M. Kimura (Ryukoku Univ.)

*Conference Chair:* M. Yoshimoto (KIT)

*Program Committee Chair:* T. Nakamura (Osaka Univ.)

*Program committee:* Y. Kamakura (OIT), Y. Uraoka (NAIST), T. Maemoto (OIT), A. Hiroki (KIT), M. Noda (KIT), T. Seki (Omron), S. Sasa (OIT), Y. Ando (Ricoh), M. Moniwa (TUT), J. T. Asubar (Univ. Fukui), M. Kuzuhara (Univ. Fukui), K. Okada (Panasonic TowerJazz), M. Furuhashi (Mitsubishi Electric), S. Soma (Kobe Univ.), T. Fukuda (Sekisui Integr. Res.), K. Nakahara (Rohm), S. Murakami (Osaka Res. Inst.), T. Matsuda (Flosfia), T. Nakamura (SEI), T. Kato (Murata Manufacturing), H. Watanabe (Ricoh)

*Award Committee Chair:* N. Ueda (RICOH Electronic Devices)

*Conference secretary:* H. Nishinaka (KIT, [nisinaka@kit.ac.jp](mailto:nisinaka@kit.ac.jp))

Y. Omura (ACA, [omuray@kansai-u.ac.jp](mailto:omuray@kansai-u.ac.jp))

### Paper submission information

(<http://www.ieee-jp.org/section/kansai/chapter/eds/imfedk/>)

**(0) All papers** should be submitted to the EasyChair site after the registration of the author. Please see the guidelines at the site.

**(1) Keynote speeches and invited papers including keynote speeches**

Please follow the IEEE format provided by the committee.

Paper should not exceed **4 printed pages.**

*Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.*

The committee will present the **presentation certificate** for every speaker.

**(2) Regular papers**

Students can also submit their papers to this category.

Please follow the IEEE format provided by the committee.

Paper should not exceed **2 printed pages.**

Since the papers **submitted by the IEEE member** will be a candidate of *IMFEDK Paper Award*, all submitted papers will be reviewed by Technical Committee. Low quality paper(s) will be rejected.

*Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.*

“No show” paper will not appear on the IEEE Xplore site and the papers submitted by the same author(s) in the next conference will be automatically rejected.

**(3) Student papers**

Please follow the specific format provided by the committee.

Paper should not exceed **2 printed pages.**

Since the papers will be reviewed from the point of appropriateness, some papers may be requested for resubmission to the EasyChair site.

The committee will present a committee award to excellent paper(s).

*Conference content will not be submitted for inclusion into IEEE Xplore.*

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