

2009 International Meeting for Future of Electron Devices, Kansai

May 14-15, 2009

Kansai University Centenary Memorial Hall, Osaka, Japan

Conference Theme: "Frontier Technologies for Ecological Society"

Sponsored by

IEEE EDS Kansai Chapter

Co-sponsored by

Graduate School of Engineering,
Osaka University, and the Global
COE Program "Center for
Electronic Devices Innovation"

Technical Co-sponsorships

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Further Information

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Kansai University Centenary Memorial Hall

Keynote

[May 14, pm]

■ "Electric Light Source Technologies: Historical Development and Current Activities Directed at Global Energy Saving",
Mamoru Takeda (Lighting System R&D Center, Panasonic Corp.)

■ "Overview of Recent Solar Photovoltaic Energy Conversion Technologies and its Future Prospect",
Hideyuki Takakura (Faculty of Science and Technology, Ritsumeikan University)

[May 15, am]

■ "Next-Generation Power-Aware Integrated Circuit Design",
Takayasu Sakurai (Institute of Industrial Science, The University of Tokyo)

■ "Solving Complex Global Problems: Emerging Opportunities for Future Electron Devices", *Kazuo Yano* (Central Research Laboratory, Hitachi, Ltd.)

Special Session [May 15, pm]

■ "Progress and Future Challenges of SiC Power Devices",
Tsunenobu Kimoto, J. Suda, M. Noborio, T. Hiyoshi
(Department of Electronic Science & Engineering, Kyoto University)

■ "Printable and Flexible Organic Light Emitting Devices for Sustainable Future",
Yutaka Ohmori (Center for Advanced Science and Innovation, Osaka University)

Tutorial (in Japanese) [May 14, am]

■ "Nonvolatile Logic Technologies for Green IT",
Satoshi Sugahara (Tokyo Institute of Technology)

■ "High Performance CO₂-Heat-Pump, Hot Water Supply",
Shinji Watanabe (Panasonic Corp.)

IMFEDK

The meeting covers all areas of electron devices: Si-devices, compound semiconductor devices, emerging solid-state devices, and related modeling, simulation, characterization, material & process technologies.

Location

Osaka is one of the best sightseeing spots in Japan. Detailed access map to Kansai University Centenary Memorial Hall is available at

<http://www.kansai-u.ac.jp/global/guide/mapsenri.html>

http://www.kansai-u.ac.jp/English/about_ku/senri_map.html

Official Language

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

IEEE EDS Kansai Chapter IMFEDK Awards (Best Paper, Student Paper)

The IMFEDK Awards will be awarded to the 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.