

IEEE EDS Kansai Chapter Awards 2015

■ IEEE EDS Kansai Chapter of the Year Award

Author: **Shizuo Fujita**
Title: Mist deposition technology as a green route for thin film growth
Affiliation: Kyoto University

■ IEEE EDS Kansai Chapter MFSK Award

Author: **Hajime Tanaka**
Title: Phonon-Limited Electron Mobility in Rectangular Cross-Sectional Ge Nanowires
Coauthors: Seigo Mori, Naoya Morioka, Jun Suda, Tsunenobu Kimoto
Affiliation: Kyoto University

■ **IEEE EDS Kansai Chapter IMFEDK Best Paper Award**

Authors: **Hiroaki Fujihara, Naoya Morioka, Hajime Tanaka, Jun Suda,
Tsunenobu Kimoto**
Paper-ID: B-3
Title: Impacts of Orientation and Cross-sectional Shape on Hole Mobility of
Si Nanowire MOSFETs
Affiliation: Kyoto University

■ **IEEE EDS Kansai Chapter IMFEDK Student Paper Award**

Author: **Futo Hashimoto**
Paper-ID: B-4
Title: Effects of Internal Electric Field on Efficiency of Carrier
Multiplication Solar Cells
Coauthors: Nobuya Mori
Affiliation: Osaka University

Author: **Atsuya Suzuki**
Paper-ID: PA-02
Title: Improved Current Collapse in AlGaN/GaN HEMTs with
3-Dimensional Field Plate Structure
Coauthors: Kosuke Akira, Joel Asubar, Hirokuni Tokuda and Masaaki Kuzuhara
Affiliation: University of Fukui

Author: **Hongfei Lv¹**
Paper-ID: PB-01
Title: Two-Dimensional Model for Asymmetric Double-Gate Tunnel FET
Considering the Source-Channel Junction Depletion Region
Coauthors: Shingo Sato¹, Yasuhisa Omura¹, Abhijit Mallik²
Affiliation: ¹Kansai University, ²University of Calcutta

Author: **Ryota Kajimoto**
Paper-ID: PC-03
Title: Fabrication of visible-light-responsive titanium oxide microspheres by liquid-phase laser ablation
Coauthors: Yi Sun, Toshihiko Maemoto, Yoshiyuki Harada, Shigehiko Sasa
Affiliation: Osaka Institute of Technology

Author: **Hiroki Nishitani**
Paper-ID: PC-06
Title: Fabrication of the solar-blind photodetector based on $\text{Ni}_x\text{Mg}_{1-x}\text{O}$ films by radio-frequency sputtering
Coauthors: Kohei Ohta, Mitsuru Inada, Tomohiro Shimizu, Shoso Shingubara, Tadashi Saitoh
Affiliation: Kansai University