



March 28th (Wed), 2018
10:00-16:30

Venue: 60th Anniversary Memorial Hall,
Kyoto Institute of Technology

KIT and NPERC-J Joint Symposium

Symposium on Creation of New Generation Power Electronics and Systems


Developing Innovation Platform By Enhancing International Academic-Industrial Alliance

This international symposium, hosted by Kyoto Institute of Technology (KIT) and NPERC-J, will allow experts on power electronics and systems to meet, exchange ideas, and present on the latest technical advances and international academic-industrial alliance. The symposium will discuss expected roles of power devices, converters, and cyber-physical systems in new generation power electronics. KIT will present new generation power networks consisting of 3-port power routers as network nodes and showcase the testbed as an innovation platform.

Program

10:00-10:20	Keynote address “Research Activities of KIT Green Innovation Center” Vice-president, Prof. Masahiro Yoshimoto, Kyoto Institute of Technology “Power Semiconductor Devices & Technologies for New Generation Power Electronics”
10:20-11:10	Prof. Shankar Ekkanath Madathil, The University of Scheffield
11:10-12:00	“Power Electronics Development in Europe - The Role of ECPE -” ECPE President Prof. Dr. Leo Lorenz, ECPE (European Center for Power Electronics)
13:30-14:20	“Academic-Industrial Alliance in Stanford University: Evolution of Stanford Model and Practice for Academia-Industry Collaboration” Prof. Yoshio Nishi, Stanford University
14:20-14:50	“GaN Power Transistors and Their Application Benefits” Dr. Kenichiro Tanaka, Panasonic Co.
14:50-15:20	“A Disaster-resistant Cooperative Autonomously Distributed Power Network consisting of 3-port Power Router” Prof. Yuichi Kado, Kyoto Institute of Technology
15:20-15:30	Closing remarks President of NPERC-J, Dr. Hiromichi Ohashi
15:30-16:30	Lab. tour



 **Contact** Prof. Yuichi Kado (Kyoto Institute of Technology)
kado@kit.ac.jp

Registration fee: Free