

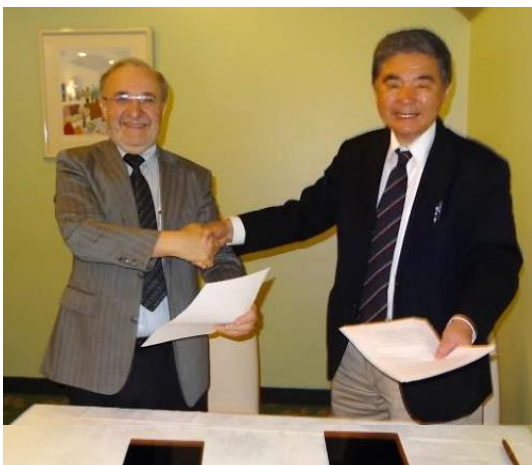


Press Release

NPERC-J: New Generation Power Electronics & System Research Consortium Japan

Tokio/Japan, 26^h May 2015 - New Power Electronics Network/Consortium NPERC-J established in Japan. ECPE and NPERC-J agree on a cooperation relating to next generation power electronics and system technologies. Both parties, ECPE president Prof. Leo Lorenz and Prof. Hiromichi Ohashi, President of N-PERC-J have signed a Memorandum of Understanding (MoU).

Whereas, the parties are convinced that expansion and development of cooperation between the parties will contribute to the further consolidation of scientific and technological cooperation between the EU and Japan.



Global Collaboration on Power Electronics



Vision of NPERC-J, academia – industry joint research network

In the society of tomorrow, electricity will be the major energy, and thus, ubiquitously effective use of electronics and ICT (Information and Communication Technology) will become increasingly important for saving energy. Our main target is to realize a 3E society (Energy saving, Environment preservation and Economic development) through open innovation consortium activities. Our main interest in research activities are non and precompetitive research and development in the field of reliability science, more than silicon technologies, integrated design methodologies and NEGAWATT cost reduction of PE (Power Electronics) system and energy internet system area.

The purpose consists of several research activities in the power electronics for energy efficiency and sustainability. Each party will promote the following activity jointly. The exchange of information in the area of research and technology roadmaps

of power electronics for energy efficiency and sustainable energy supply as well as the exchange of public relations material to promote power electronics in the public and to officials in politics (discussion of experience with different PR activities and media), the joint discussion of strategies to motivate young students for power electronics, discussion on existing and future research programmes and projects, and the mutual exchange on power electronics megatrends (e.g. energy efficiency, smart grids, e-mobility).