

OS-4 Power switching devices from diamond
– a new semiconductor for next generation device technology

Date/Time		Speaker	Tentative Title	
July 16th	AM	9:00~9:05	Dr. Tokuyuki Teraji	Opening Remarks
		9:05~9:45	Dr. Christoph Nebel Fraunhofer Institute for Applied Solid State	Electrical device application of diamond, present state and future prospects
		9:45~10:10	Dr. Hitoshi UMEZAWA AIST	Schottky device of diamond
		10:10~10:35	Dr. Hiromitsu Kato AIST	n-Type diamond growth and the characterization
		10:35~10:55	Coffee Break	
		10:55~11:20	Dr. Julien Pernot Institut NÉEL, CNRS, France	Electrical characteristics of semiconducting diamond
		11:20~11:45	Dr. Ken Haenen Hasselt University, Belgium	Formation of polycrystalline pn-junction of diamond and its application
		11:45~12:10	Dr. Yutaka Ando Aoyama Gakuin University	Heteroepitaxy of diamond
		12:10~12:15	Dr. Satoshi Koizumi	Closing Remarks