

4<sup>th</sup> Fulrath Memorial International Symposium on Advanced Ceramics  
 April 4, 2007 TOKYO BIG SIGHT (Tokyo, Japan)

■ Program

Time	Session	Lecture Title	Speaker
10:00-10:10	Opening Address		Noboru Ichinose, President Japan Fulrath Memorial Award Committee
10:10-10:35	Okazaki award Session 1	Research and Development for Electroceramics Based on Crystal Structure	Hitoshi Ohsato Nagoya Institute of Technology
10:35-11:00	Okazaki award Session 2	Large CaF <sub>2</sub> single crystal for the next generation lithography by CZ method	Teruhiko Nawata Tokuyama Corporation
11:00-11:25	Okazaki award Session 3	Development of Toughened Zirconia Grinding Media	Hiroshi Ohnishi Nikkato Corporation
11:25-12:05	Special Session 1	Some Key Issues in Microwave Dielectric Ceramics	X.M. Chen Zhejiang University
12:05-13:00	Lunch Break		
13:00-13:25	General Session 1	Nano to Molecular Level Composites and Industrial Applications	Koichi Niihara Nagaoka University of Technology
13:25-13:50	General Session 2	Optical Materials Prepared by Combustion or Nitridation through Aqueous Nitrates Gel	Shinichi Kikkawa Hokkaido University
13:50-14:15	General Session 3	Visualization of Mass Transports of Electrochemical Reaction for Solid Oxide Fuel Cells	Teruhisa Horita National Institute of Advanced Industrial Science and Technology
14:15-14:40	General Session 4	Novel Binder Process for Green Manufacturing	Koji Watari National Institute of Advanced Industrial Science and Technology
14:40-15:05	General Session 5	Novel amorphous silica-based nanocomposite membranes for high-temperature separation of hydrogen	Yuji Iwamoto Japan Fine Ceramics Center
15:05-15:20	Break		
15:20-15:45	General Session 6	Textured Ceramics of Regular Perovskite for Piezoelectrics and Microwave Dielectrics	Yasuyoshi Saito Toyota Central Research and Development Laboratories, Inc.
15:45-16:10	General Session 7	Embedded Passive Substrate for RF-module Using Aerosol Deposition	Yoshihiko Imanaka Fujitsu Laboratories Ltd.
16:10-16:35	General Session 8	Reliability of Multilayer Ceramic Capacitors with Ni-electrodes	Yukie Nakano TDK Corporation
16:35-17:15	Special Session 2	Densification and Grain Growth in Powder-derived Ta <sub>2</sub> O <sub>5</sub> -based Dielectrics/Tantalizing Ceramics	David A. Payne University of Illinois
17:30-	Reception		