K. Iida, H. Yamaura, S. Nakamura, G. Sawa (Mie University)

DEI-98-4 Partial Discharge Characteristics on Polymer Insulating Materials at Elevated Temperature.
T. Okamoto, M. Kanegami (CRIEPI)

DEI-98-5 Variety of Kapton New Polymide Films.
H. Yokoyama (Dupont-Toray Co., Ltd. )

DEI-98-6 Effects of Pore and Impurities on Electrical Properties of Alumina Ceramics.
K. Horinouchi, O. Yamanishi, H. Takahashi (Sumitomo Chemical Co., Ltd.)

DEI-98-7 Development of New Insulation System for Traction Motor Stator Windings.
Y. Haraguchi, S. Maruyama, T. Honda (Hitachi Works, Hitachi, Ltd.), S. Amagi, K. Fukushi, K. Sugawara (Hitachi Research Laboratory, Hitachi, Ltd.)

DEI-98-8 Electrical Ageing Test of Enameled Wire Using Surge Voltage.
M. Tsuchiya, H. Yamakawa (Toyo Denki Seizo K.K.), I. Amasaki, T. Sunose (Chiba Institute of Technology)

Theme: Cryogenic Liquids, Low Pressure Discharge, Electric Optical Effects, Plasma Process, others
January 30, 1998, Nagasaki University

DEI-98-9 Change of Partial Discharge Mode with Stressing Time in Closed Void at Liquid-Nitrogen Temperature,
M. Nakamura, T. Mine, S. Tsuru, J. Suehiro, M. Hara (Kyushu University)

DEI-98-10 Bubble Behavior and Its Effect on Partial Discharge in Superconducting Fault Current Limiter,
N. Tamuro, B. Y. Seok, M. Hara (Kyushu University)

DEI-98-11 Surface Processing of Polymers Using High E/n Discharge (III).
N. Hamamura, M. Yumoto, T. Sakai (Musashi Institute of Technology)

DEI-98-12 Restricted Plane Discharge Phenomena at Low Pressure.
Y. Kikuchi, M. Endo (Chuo University)

DEI-98-13 Detection of Oxygen Negative Ions and Negatively-Charged Particulates in a DC Oxygen Glow Discharge.
Y. Matsuda, H. Nagamatsu, H. Fujiyama (Nagasaki University)

DEI-98-14 Diagnostics of Spatial Structure of Magnetron Plasmas with Multi-electrodes by a Superposition Method.
K. Kuwahara, H. Fujiyama (Nagasaki University)

DEI-98-15 Investigation of Plasma Using Microwave Interferometry with Dielectrics Lens.
T. Narikiyo, T. Ikegami, Y. Yamagata, K. Ebihara (Kumamoto University)

DEI-98-16 Micro-Discharge Plasma Characteristics of High-Frequency Silent Discharges.
Y. Kumagae, N. Morii, Y. Yamagata, T. Ikegami, K. Ebihara (Kumamoto University), Y. Kataoka (Meidensha Corporation)

DEI-98-17 Measurement of Potential, Electric Field and Developing Velocity of Surface Discharge by Using Pockels Device.
A. Kumada, M. Chiba, K. Hidaka (University of Tokyo)

DEI-98-18 Measurement of Potential Distribution of Attached Charge by BSO.
S. Tashiro, M. Endo (Chuo University)

DEI-98-19 Fundamental Characteristics of a Non-Uniform Traveling Wave Type Electric Field in Dielectric Liquid Using the Schlieren Method.
T. Oda, M. Aoyama, M. Kawasaki (Nishinippon Institute of Technology), H. Kudo, S. Kanazawa, T. Ohkubo, Y. Nomoto (Oita University)

DEI-98-20 Investigation of Current Distribution and Quench Mechanism in Parallel Connection of Mechanical PCSs.
T. Nakamura, S. Ohtsuka, D. Tsuji, J. Suehiro, M. Hara (Kyushu University)

Theme: Reports on International Conferences and Inverter Surge Insulation, others
February 24, 1998, IEEJ Tokyo

DEI-98-21 A Report on the International Conference on Dielectrics and Insulation (I. C. D. I).
Y. Tanaka (Musashi Institute of Technology)