

- DEI-97-20 Influence of Space Condition on Partial Discharge Characteristics in SF₆ Gas
T.Takahashi, M.Yoshida (Nagoya University), M.Hikita (Kyushu Institute of Technology), H.Okubo (Nagoya University)
- DEI-97-21 Partial Discharge Characteristics in Cryogenic Nitrogen Gas and in Liquid Nitrogen with Thermal Bubbles
H.Izawa, N.Tamuro, J.Suehiro, M.Hara (Kyushu University)
- DEI-97-22 Toxic Decomposition Products in Electrical Gas-Insulated Systems with SF₆ and Their Measuring Technique.
K.Nishijima, Y.Taguchi (Fukuoka University)
- DEI-97-23 Frequency Dependency of Dielectrophoretic Phenomena and Dielectric Loss of Suspended DNA Molecules
T.Fukuda, K.Kimura, J.Suehiro, M.Hara (Kyushu University)
- DEI-97-24 Surface Treatment in Low Pressure Discharge (Effect of Photo-excitation of Nitrogen Molecule)
K.Uematsu, N.Hamamura, S.Hoshino, M.Yumoto, T.Sakai (Musashi Institute of Technology)
- DEI-97-25 Spectroscopic Measurements of Capillary Plasmas
X.Shen, T.Sueda, S.Katsuki, H.Akiyama (Kumamoto University)
- DEI-97-26 Frequency Response Analysis for the Secondary Electron Release in Ar Gas
K.Tsurugita (Miyakonojo National College of Technology), K.Kouzuma, K.Wada, M.Otsubo, C.Honda (Miyazaki University), N.Ikuta (Chiba Institute of Technology)
- DEI-97-27 Ozone Generation Using Pulsed Power.
K.Touya, S.Katsuki, H.Akiyama (Kumamoto University)
- DEI-97-28 Flue Gas Treatment Using Dielectric Barrier Discharge
K.Takai, T.Suzuki, S.Katoh, T.Fujiwara, H.Yamada(Iwate University), S.Maekawa (Hitachi Engineering Service)
- DEI-97-29 Treatment of Exhaust Gases Using Pulsed Power
Y.Nishihashi, H.Akiyama, S.Katsuki (Kumamoto University)
S.Tsukamoto (Ariake National College of Technology), K.Kawamura (Mitsubishi Heavy Industry)

Theme: Report on International Conferences, Field Phenomena

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- DEI-97-30 A Report on the Seventh International Conference on Dielectric Materials, Measurements and Applications (DMMA)
Y.Tanaka(Musashi Institute of Technology)
- DEI-97-31 Report on the 9th International Symposium on Electrets(ISE 9)
S.Fujita (Hachinohe Institute of Technology), M.Ichiya (Matsushita electric Works), T.Maeno (Communication Research Laboratory), T.Segi (Nagoya University), N.Hozumi (Central Research Institute of Electric Power Industry)
- DEI-97-32 Report on 1996 International Symposium on Electrical Insulation(IEI)
H.Homma (Central Research Institute of Electric Power Industry)
- DEI-97-33 Report on the 1996 Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
Y.Ohki (Waseda University)
- DEI-97-34 Report on Joint Conference : '96 AICDEI & 4th-JCCEID
K.Tohyama (Numazu College of Technology), Y.Muramoto (Toyohashi University of Technology), K.Kudo (Meiji University)
- DEI-97-35 Report of 1996 CIGRE Paris Meeting : SC15 (Materials for Electrotechnology)
M.Nagao (Toyohashi Univ. of Technology), T.Mizutani (Nagoya University), K.Goto (Toshiba Corp.)
- DEI-97-36 Report of the 12th International Conference on Conduction and Breakdown in Dielectric Liquids (12th ICDL)