

## Papers Presented at the Technical Meetings of DEI

Titles of papers presented at the technical meetings of DEI are listed here which were held from Sept. 1996 to May 1997.

### Theme: Investigation of Electronics and Optical Functions due to Organic Films Sept. 26, 1996 Kansai Branch of Chuo Electrical Club

- DEI-96-68 Preparation of Ultra-thin Multilayer Heterostructure Films of Conducting Polymer by a Self-assembly Process and their Electronically and Optically Physical Properties.  
M.Onoda (Himeji Institute of Technology), T.Yamaue, K.Tada, T.Kawai, K.Yoshino (Osaka University)
- DEI-96-69 Study of EL Mechanism in Organic LEDs with Multilayer Structure Using the Dye-doping Method  
T.Mori, K.Obata, T.Mizutani (Nagoya University)
- DEI-96-70 Carrier Transport and Emission Mechanisms in Multilayer Organic EL Diode  
N.Tada, M.Yoshida, A.Fujii, Y.Ohmori, K.Yoshino (Osaka University)
- DEI-96-71 Luminescence and Electrical Conduction Characteristics of TPD-ZnHBT Type EL Devices  
T.Shigeta, K.Miyairi (Shinshu University), N.Nakamura (Shinko Electric Industries Co., Ltd.)
- DEI-96-72 Schottkey Gate Static Induction Transistor Using Phthalocyanine Derivative  
W.D.Xing, M.Iizuka, S.Kuniyoshi, K.Kudo, K.Tanaka (Chiba University)
- DEI-96-73 Adsorption and Desorption Processes of Self-Assembled Monolayer  
M.Hara, W.Knoll (The Institute of Physical and Chemical Research (RIKEN))
- DEI-96-74 Ionic Conduction Properties in Azobenzene LB Films Adsorbing Cyanine Dyes  
T.Kontani, T.Fukami, K.Shinbo, K.Kato, F.Kaneko, S.Kobayashi (Niigata University)
- DEI-96-75 Analysis of dielectric relaxation phenomena with molecular orientational ordering in monolayers at the liquid-air interface  
CX.Wu, Y.Mizutani, M.Iwamoto (Tokyo Institute of Technology)

### Theme: Electronic Equipment Insulation Sept. 11, 1996 Waseda University

- DEI-96-77 Observation of Three Dimensional Shape of Ag-dendrite by Means of Scanning Probe Microscope and Consideration of its Grown Process  
T.Motoyama, K.Ichikawa (National Institute of Industrial Safety)
- DEI-96-78 High Accuracy Measurement Technique of PCB (Print Circuit Board)  
T.Wada (Advantest AD Corp.)
- DEI-96-79 Life Prediction Technique on Ion Migration  
Y.Fuchikami, S.Hara (Toshiba Corporation)
- DEI-96-80 Evaluation of Atmospheric Corrosion for Electronic Parts  
S.Haraguchi, S.Ida, H.Watanabe, K.Goto
- DEI-96-81 Effects of the Structure of Non-ionic Surfactants on the Insulation Reliability  
S.Matsuda, E.Nakamura, A.Shimizu (National Space Development Agency of Japan)  
H.Takezawa, T.Shiino (Matsushita Electric Industrial Co.,Ltd.) M.Nakai, K.Nobuta (Matsushita Technoresearch Inc.)
- DEI-96-82 Influence of Printed Circuit Boards without Clean on Ion Migration  
Y.Takahagi (Ibaraki Industrial Center of Technology), T.Asano (Chiba Mechanical Metal Testing Center), T.Yanasawa (Densoken)
- DEI-96-83 Investigation of Ion Migration by Dew Condensation  
H.Tanaka, Y.Aoki, S.Yamamoto (Tabai Espec Corp.)
- DEI-96-84 Test Methods of Estimating Reliability of Printed Wiring Boards