

PREFACE

The Joint Conference of the 1993 International Workshop on Electrical Insulation (1993 IWEI) and the 25th Symposium on Electrical Insulating Materials (25th Symposium on EIM) will be held from September 6 through 8, 1993 at Nagoya University, Nagoya, Japan. The IEEJ Symposium on EIM is the 25th annual symposium and has made a great contribution to the development in electrical insulation technology since its inception in 1968. In 1991, it was successfully absorbed by ICPADM-91 (The International Conference on Properties and Applications of Dielectric Materials : July 8-12, 1991, Tokyo). Last year, we had planned to hold the 25th Symposium on EIM jointly with the 1993 IWEI. A great number of papers have been submitted from overseas. All the papers accepted will be presented and published in English. So we would rather call the joint conference the 1993 IWEI internationally.

This conference is sponsored by the Institute of Electrical Engineers of Japan (IEEJ) and the IEEJ Technical Committee on Dielectrics and Electrical Insulation (IEEJ-TCDEI) to provide an international forum for discussion and exchange of the latest advances in science and technology of electrical insulation. It provides an opportunity for people, who are engaged in fundamental and applied works on electrical insulation, to come together in an informal and friendly atmosphere and exchange technical information and experience.

The program of this conference consists of one special lecture, three special sessions (invited) and eight ordinary sessions (six oral sessions and two poster sessions). About 110 papers will be presented in these sessions. In order to make presentation and discussion of such a large number of papers fruitful within three days, we will hold two parallel sessions in oral presentation together with poster sessions. The IEEJ Technical Committee on Dielectrics and Electrical Insulation has ten Investigation Committees which are working at present and the outline of their activities appears in the last part of this proceedings.

This conference has been planned and organized by the Steering Committee (the IEEJ Technical Committee on Dielectrics and Electrical Insulation - Chairman : Professor T. Mizutani, Nagoya University), the Technical Program Committee (Chairman : Professor G. Sawa, Mie University) and the Local Arrangement Committee (Chairman : Prof. Y. Suzuoki, Nagoya University). I am greatly in debt to the committee chairmen and their members, without whose enthusiastic effort this conference would not have been possible. I would like to express my sincere gratitude to the staff of IEEJ Headquarters, staff and students of Nagoya University and staff of Nagoya Convention & Visitors Bureau for their kind help. Finally, I am grateful to the following organizations for their financial support.

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Nagoya University
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Welcome to Nagoya. I hope that you will have a fruitful and enjoyable time here in Nagoya.

Teruyoshi Mizutani
Conference Chairman
Nagoya University, Japan
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