

13th International Conference in Dielectric Liquids (ICDL '99)

July 20-25, 1999, Nara, Japan

13th International Conference in Dielectric Liquids will be held on July 20-25, 1999, at Nara-ken New Public Hall, Nara, Japan. The Conference is an interdisciplinary forum for the exchange and discussion of ideas, research results and practical experiences on properties, dielectric phenomena and applications on insulating liquids. It is addressed to physicists, chemists, material scientists and engineers who are engaged in research and practical application in these fields. The main topics of the Conference are;

Basic properties: Properties of charge carriers, Electrical conduction, Electronic states in liquids, Dielectric properties of liquids and solutions, Radiation in liquids, Fundamental processes, Space charge effects, High fields effects, Optical properties, Kerr effect, etc.

Prebreakdown and breakdown phenomena: Prebreakdown and breakdown processes, Streamers in liquids, Streamer electrification, Creepage discharges, EHD, Interfacial phenomena, etc.

Advanced experimental methods: Novel detection and measurement techniques, New sensors, detectors and other equipment

Applications: High voltage liquid immersed insulation, Power apparatus insulation for transformers, cables, capacitors, etc., Electrostriction pump, Cryogenic liquids, Electrorheology, etc.

Others: Ultrasonic, Molten polymers, Liquid crystals, Supercritical fluids, New materials, etc.

Submission of extended abstracts: October 30, 1998

Notification of acceptance: December 15, 1998

Submission of full manuscript: February 28, 1999

Chairperson: Prof. Katsumi Yoshino (Osaka University)

Vice Chairperson: Prof. Hisanao Yamashita (Keio University)

Secretary General: Prof. Hitoshi Okubo (Nagoya University)

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The Asian Conference on Electrical Insulation Diagnosis

The origin of the conference was the China-Japan conference on Electrical Insulation Diagnosis which started in April, 1990. Since then, the conferences were held every two years; 1990 in Xi'an, 1992 in Shanghai, 1994 in Osaka and 1996 again in Xi'an. It intends to be a forum of electrical insulation diagnosis for promotion and exchange of ideas, experience and technology, and to stimulate advanced scholarly work, research and industrial activities on insulation diagnosis for electric power apparatus. For encouraging to discuss and exchange experience, a lot of technical visit are arranged with the conference. It is helpful for stimulating the research of new technique and the propagation of the advanced technology.

On the Joint Conferences of 1994 and 1996, many attendants from other countries were interested to these activities, they sincerely hope to enlarge the China-Japan Conference on Electrical Insulation Diagnosis into all over the Asia or Pacific countries. As the first step, the organizers of the past conferences, Professors Z. Yan of Xi'an Jiaotong University and K. Matsuura of Osaka University suggest it will be held under the new name 'The Asian Conference on Electrical Insulation Diagnosis' in 1999 in Korea where many researchers and engineers are involved in the R&D of electrical insulation diagnostic technology for power apparatus. For the time being, however, the detail plan of 1999 Conference is not decided yet.

The 6th ICPADM

The 6th ICPADM will be held at Xi'an Jiaotong University, Xi'an, China in 2,000.

International Conference on Electrical Engineering(ICEE)

ICEE'99 will be held in Hong Kong and ICEE 2000 will be held in Fukuoka or Kitakyusyu, Japan.