

(3) 12th International Conference on Conduction and Breakdown in Dielectric Liquids

The 1996 International Conference on Conduction and Breakdown in Dielectric Liquids (12th ICDL) was held on July 15-19 at Roma University "La Sapienza", in Italy. The International Organizing Committee (IOC) is shown in Table 3. The Conference was organized by the Faculty of Engineering, University of Roma and Associazione Elettrotecnica ed Elettronica Italiana (AEI), and sponsored by IEEE DEIS, ABB Italy and Azienda Comunale Energia & Ambiente (acea).

123 papers had been accepted among 169 proposed papers. The number of papers and participants is shown in Table 4.

The Hans Tropper Memorial Lecture was given by Prof. K. Yoshino from Osaka University entitled "Electronic Processes in Liquids of Aromatic and Conjugated Structure".

The Conference consisted from 4 sessions.

SESSION A: BASIC PROCESSES (Chairman, P.K. Watson, Xerox, Moderator, P. Atten, CNRS). Invited paper, "Nonlinear waves and instabilities on electrified free surfaces" by A. Castellanos, Sevilla Univ., 9 oral papers and 28 poster papers.

SESSION B: PREBREAKDOWN PHENOMENA (Chairman, H. Yamashita, Keio Univ., Moderator, J. Fuhr, ABB). Invited paper, "Propagation of positive discharges in long gaps" by O. Lesaint, CNRS, 9 oral papers and 16 poster papers.

SESSION C: BREAKDOWN PHENOMENA (Chairman, L. Centurioni, Univ. of Genoa, Moderator, M. Pompili, Univ. of Roma). Invited paper, "New electro-mechanical concepts of the primary mechanisms of electrical breakdown in liquids" by T.J. Lewi, Univ. of Wales, 9 oral papers and 14 poster papers.

Table 3 International organizing committee

C. Mazzetti (Italy)	Chairperson
H. Yamashita (Japan)	Vice-Chairperson
U. Ratti (Italy)	Vice-Chairperson
M. Pompili (Italy)	Secretary
J. Fuhr (Switzerland)	Technical Program
G. Lucchini (Italy)	Treasurer
F. Colla (Italy)	Publications
M. Pompili (Italy)	Publicity
G. Graziosi (Italy)	Technical Arrangement
D. Fioramonti (Italy)	Local Arrangement

SESSION D: NEW MATERIALS, APPLICATIONS, ADVANCED EXPERIMENTAL METHODS (Chairman, R. Bartnikas, IREQ, Moderator F. Colla, ABB). Invited paper "Dielectric measurements of semi-insulating liquids and solids" by M. Zahn, MIT, 9 oral papers and 25 poster papers.

In memorial of late Prof. Eric. O. Forster whose enthusiasm and effectiveness in helping young researchers in their scientific growth is still lively among our scientific community, IOC decided to award a prize for the best paper by a young researcher. International Advisory Committee members together with the Chairmen and Moderators awarded Mr. P. Barmann of Lund Inst. of Tech. and Mr. K. Yamazawa of Keio Univ.

(by Prof. Hisanao Yamashita, Keio University)

Table 4 Number of papers and participants

Nations	Papers	Participants
France	28	19
Russia	19	13
Japan	17	21
USA	13	7
Canada	9	4
Italy	8	11
UK	7	5
Germany	6	7
Ukraine	5	2
Spain	4	2
Poland	3	3
Moldova	3	2
Saudi Arabia	3	2
Switzerland	2	2
Bulgaria	2	1
Egypt	2	1
Korea	2	1
Belarus	2	0
China	2	0
Sweden	1	4
Norway	1	2
Algeria	1	1
Austria	1	1
Brasil	1	1
India	1	1
Turkey	1	1
Belgium	1	0
Ireland	0	1
Total	145	115