

# TECHNICAL EXCHANGES BETWEEN ASIAN COUNTRIES

## Conference Records

### The 9th International Symposium on Electrets (ISE9)

The 9th International Symposium on Electrets (ISE9) was held at Tongji University in Shanghai China, September 25-30, 1996. This symposium, being supposed to be held every three years, was held two years after ISE8 in Paris, 1994, considering the other international meetings. The symposium committee was chaired by Prof. Xia Zhongfu of Tongji University. Tongji Univ. is located in the northwest of Shanghai and is well-known to Chinese people with its architecture and urban planning as well as the study on electrets. It has a large campus and a beautiful garden.

The meeting contains conventional subjects like charge behavior and electrification, piezoelectricity and pyroelectricity, as well as relatively new subjects like non-linear optics and bioelectrets. The subjects and number of presentations are shown in Table 1. An invited lecture was given in the beginning of the oral session of each subject (Table 2). Fifty-five presentations including 7 invited lectures were in oral session, and 4/5 of all presentations were in poster session. According to the symposium committee, altogether 195 people have attended from 23 countries. The number of attendants from each country is shown in table 3.

Table 1 Subjects and number of presentations

	Oral	Poster	Total
Charge Storage, Transport & Recombination	7	30	37
Charging Techniques & Charge Profiles	7	30	37
Photoelectrets & Optical Profiles of Dielectrics	3	12	15
Nonlinear Effects	4	9	13
TSD & Relaxation Phenomena	5	30	35
Thin Films, Interfacial Phenomena & Nanometric Dielectrics	7	27	34
Bioelectrets	4	11	15
Ferro-, Piezo- & Pyroelectricity	13	47	60
Applications	5	12	17
Total	55	208	263

Table 2 Invited lectures.

Silica-based nanocomposites	Xi Yao (China)
Space charge behavior in electrical insulation under high fields	N. Hozumi (Japan)
Nonlinear optical polymer electrets	R. Gerhard-Multhaupt (Germany)
Nonlinear dielectric effects in polymers and glass-forming liquids	T. Furukawa (Japan)
Piezo- and pyroelectricity in polymer electret and their applications	D. K. Das-Gupta (UK)
Charge-dipole interaction in polymer electrets	W. Eisenmenger (Germany)
Evolution of electret applications	J. Lewiner (France)

Table 3 Number of attendants.

Asia & Australia	China 75, Japan 19, India 11, Hongkong 2, Korea 1, Vietnam 1, Australia 1
Europe	Germany 24, Russia 17, France 8, Ukraine 7, UK 7, Greece 4, Poland 3, Italy 2, Romania 2, Czech 2, Belgium 1, Belarus 1
S & N America	Brazil 3, USA 2
Africa	Morocco 1
Mid East	Israel 1

By Dr. N. Hozumi (Central research Institute of electric Power Industry)