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4. Conference on Structural Engineering, 29–31 May 1984, Jakarta, Indonesia

This conference was jointly sponsored by the Indonesian Society of Structural Engineers (HAKI), Association of Structural Engineers of the Philippines (ASEP) and the Structural Division of Hong Kong Institution of Engineers (HKIE) under the patronage of International Association for Bridge and Structural Engineering (IABSE).

The selection of Jakarta as the place for this conference was most appropriate because of the development programme now intensively pursued in Indonesia. The fact that the Hon. Minister of Public Works of Indonesia Ir. Suryono Sosrodarsono himself delivered the opening address and the Hon. Governor of Jakarta R. Soeprapto gave the last address at the closing of the conference, indicated the great interest of the Indonesian officials on this conference.

Other addresses delivered at the opening of the conference were presented by the Ir. H.R. Sidjabat, the President of HAKI, Dr Ernesto S. de Castro, the President of ASEP, Mr. D.G. Holmes, Chairman of HKIE Structural Division and Mr. Alain Golay, Executive Director of IABSE. The key-note speaker was Professor Dr. Roosseno from Indonesia.

The conference was attended by 190 delegates from 16 countries i.e. Canada, England, Hong Kong, India, Indonesia, Japan, Malaysia, New Zealand, Philippines, Singapore, Sri Lanka, Switzerland, Taiwan, Thailand and the United States. Among the noted delegates were Professor Seng-Lip Lee of Singapore, Professor Sosrowinarso, Professor Sahari Besari of Indonesia, Mr. Caliwaro of Philippines and many others.

A total of 27 papers were presented by prominent speakers from Universities, engineering professions and experts in the building and construction industries. The subject of the papers consisted of various aspects of structural engineering, such as structural analysis and design, structural testing, concrete technology as well as structural and construction fruitness.

Among the interesting papers that have received much attention were:

«Composite Bridge on 4 supports with Precompression» by Professor Dr. Ir. R. Roosseno who presented a novel concept in design which could be regarded as an improvement over the traditional composite beam bridge design. The author revealed a saving of about 20 % in steel volume for the composite bridge.

A paper jointly prepared by Ir. Wiratman, Mr. Susanto and Professor Seng-Lip Lee proposed a general method on the determination of interaction diagram useful for the design of steel reinforced concrete (SRC) sections. In the last paper entitled «Structural & Construction failures-updated» Mr. Caliwaro warned that a potential problem of structural failure always exists no matter how sophisticated the methods and techniques used even in this modern age of computerization.

Special attention were also given to the interesting conclusion presented by Professor Hasegawa on steel structural design, paper on computer application by Professor Malhotra and Ingenious and inexpensive testing method which is most suitable for developing countries, presented by Professor H.S. Oey.

The conference presentation was ended by an enthusiastic panel discussion session chaired by Ir. Sidjabat, the President of HAKI. At the end of this session, Mr. Caliwaro was invited to discuss the possibility of forming structural engineers association for Asia-Pacific region.

Other events of the conference were speakers night at Satay House Senayan; Dinner party sponsored by P.T. Cakar Bumi and P.T. J H S, technical visit to Cengkareng International Airport project (refer to next article) and visit to Taman Mini Indonesia Indah/Keong Emas Imax Theatre.

The Conference was organised by Mr. John Tan of CI-Premier.

S.P. Limasalle
Chairman Technical Committee, HAKI



From left to right: Ir. J. Liman, Ir. R. Hadmodjo, Hon. Minister of Public Works of Indonesia Ir. Suryono Sosrodarsono, Ir. H.R. Sidjabat, Prof. Dr. Ir. R. Roosseno.