

## W40 - Heat and Moisture Transfer in Buildings



Just under 50 participants gathered for the 1997 Meeting of W40 which took place from 7th to 10th October in the spacious premises of the International Community House in Kyoto, Japan. This number included 20 delegates from 9 countries outside Japan.

In overall charge of the organisation and arrangements was Professor M. Matsumoto from the School of Engineering, Osaka Sangyo University, Japan, an internationally renowned expert in the field for many years. He was ably backed up by staff from Kyoto University.



W40 in Kyoto - inside and outside the meeting room.





Not only did Professor M. Matsumoto head up the Organising Committee for the highly successful W40 Meeting in Kyoto, Japan but he was an expert contributor to the scientific programme as well.



He was ably backed up by staff from Kyoto University some of whom are seen here with CIB Deputy Secretary General Chris Pollington.



During a Banquet at the Miyako Hotel, W40 Coordinator Dr. Ingemar Samuelson took the opportunity to thank the Japanese Hosts for the excellent arrangements that had characterised the meeting. He also presented a brief but comprehensive survey of the 38 papers given and discussed.



Eva Sikander, SP, Sweden gave details of a field study into moisture resistance performance of five green building houses in Sweden.



Some of the participants at the welcome reception on 7th October. From left to right: Graham Galbraith, Caledonian University, Scotland; G. Dow, BRE Scottish Laboratory and M.K. Kumaran, Institute for Research in Construction, Canada. Behind them is Professor C.E. Hagentoft, Chalmers University, Sweden.



K. Kiessl gave an interesting account of Hybrid Transparent Thermal Insulation Investigations on which he and colleagues at the Fraunhofer Institute in Germany had worked.



Delegates were unanimous in their praise and appreciation for the conduct of the meeting and the generous hospitality of the Hosts.

Some 38 papers were presented over a period of two days and in a masterly summing up at the close of the meeting, Coordinator Dr. Ingemar Samuelson described them as all having shown evidence of meticulous preparations.

He had even calculated the average time for each paper and ensuing discussion as being 19 minutes, which had been adequate to do justice to the topic.

With commendable thoroughness he had analysed the contents of each and found that the highest number of references was to materials and properties (23). Papers on Modelling also featured prominently (14) and he said that while most models worked well, there were inevitably situations where unforeseen influences gave rise to an effect opposite to that which had been expected.

The meeting concluded with an interesting technical tour on 10th October to the Southern part of Kyoto and Nara. This took in Sekisui Research Institute, Exhibition Centre for Utilisation of Natural Energy as well as a typical Japanese prefabricated house and by way of contrast an ancient temple.

### **Next Meeting**

An invitation has been extended to hold the next meeting of W40 in Prague, Czech Republic during the 3rd week of September 1999. The theme will be: "New Requirements for Materials and Structures".

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