

IASS-APCS 2006 SYMPOSIUM REPORT

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GENERAL

The 2006 IASS Symposium and APCS Conference on “New Olympics, New Shell and Spatial Structures” had been successfully held in Beijing on October 16-19, 2006.



Opening Ceremony

The Opening Ceremony was chaired by Prof. John Abel and Prof. Rene Motro. An official announcement of opening was first delivered by Prof. Tien T. Lan, then followed by greetings from honorable authorities (Pei-Fu XU, vice-president of China Civil Engineering Society; Jun LIU, vice-president of China Steel Construction Society; Yi-Gang ZHANG, vice-president of Beijing University of Technology). A presidential address was given by Prof. M. Kawaguchi. During the opening ceremony, Prof. Tien T. Lan was conferred Honorary Membership of IASS due to his outstanding achievements in spatial structures and distinguished contribution to the IASS.

The high attendance demonstrated that this symposium had been enthusiastically received by many researchers, engineers, architects, builders, and other professionals around the world. There were altogether 293 formally registered participants coming from 33 countries and regions, in which 206 participants came from outside of mainland China. Among these foreign participants, the Japanese delegation was the most numerous (74

participants came from Japan). In addition, about 50 guests and accompanying persons were also present at the symposium.

Summary of Formally Registered Participants

REGION	NUMBER	REGION	NUMBER
China	87	Israel	2
Japan	74	Czech	2
Korea	26	Belgium	2
USA	13	Turkey	2
UK	13	Venezuela	2
Germany	11	Switzerland	2
Singapore	6	France	2
Romania	6	Hong Kong	1
Slovakia	5	Ukraine	1
Spain	5	Mexico	1
Netherlands	4	Brazil	1
Russia	4	Australia	1
Poland	4	Hungary	1
Denmark	3	Iran	1
Taiwan	3	Sweden	1
Italy	3	India	1
Canada	3	Other guests/ accompanying persons	50



M. Kawaguchi conferring Diploma of IASS Honorary Membership to Tien T. Lan

SYMPOSIUM PROGRAM

The four-day program for the symposium was very tight and fruitful. More than 200 papers were presented during the symposium, among which there were 5 keynote plenary lectures and 16 invited

lectures in 4 plenary sessions and 29 concurrent sessions. Also featured were the presentation of Hangai Prize papers and the introduction of the Beijing Olympic Projects. During the symposium, an APCS Discussion Panel and a one-day technical tour were also arranged. Many new research findings were presented and exchanged during the symposium, and several real applications were reported for the construction of sports buildings, convention and exhibition centers, hangars, and so forth. The presentation and discussion of the new research findings during the symposium will no doubt promote the developments of spatial structures in the future.



Concurrent Session



APCS Discussion Panel

APCS DISCUSSION PANEL

The APCS Discussion Panel was well organized on a topic of "History and Retrospective View of the Development of Spatial Structures in the Asian-Pacific Region." It was held on October 19 and chaired by Prof. Tien T. Lan and Prof. M. Takayama. Discussions on progress, evolution and experiences in the design and construction of spatial structures for the Olympic Games and other world

sporting events were well conducted between participants and the four panelists, Tristram Carfrae (Australia), Xue-Yi Fu (China), Mamoro Kawaguchi (Japan), and Jong-Soo Kim (Korea).

TECHNICAL TOUR

In the technical tour on October 18, more than 300 participants visited Olympic Projects of the National Stadium and the National Indoor Stadium in the morning. A visit to the Capital Museum was arranged in the afternoon. Participants showed strong interests and high appreciation to these visits. They were impressed by the rapid developments of Chinese economy.



National Stadium under Construction

PROCEEDINGS

Extended abstracts were printed in a volume of proceedings (541 pages) with an attached CD-ROM of full papers. There are 263 papers included in the proceedings. These papers cover 14 different areas including Bars and Plates, Shells, Space Frames, Cables, Membranes, Tensegrity, Deployable Structures, Analysis and Optimization, Design and Construction, Wind Loads, Dynamic Response, Buckling, Morphology, Architecture, and Engineering. The proceedings can be ordered for a price of 80 US\$ (which includes 20 US\$ for shipping expenses) at the following address:

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