

15~17 October 2001, Beijing, China

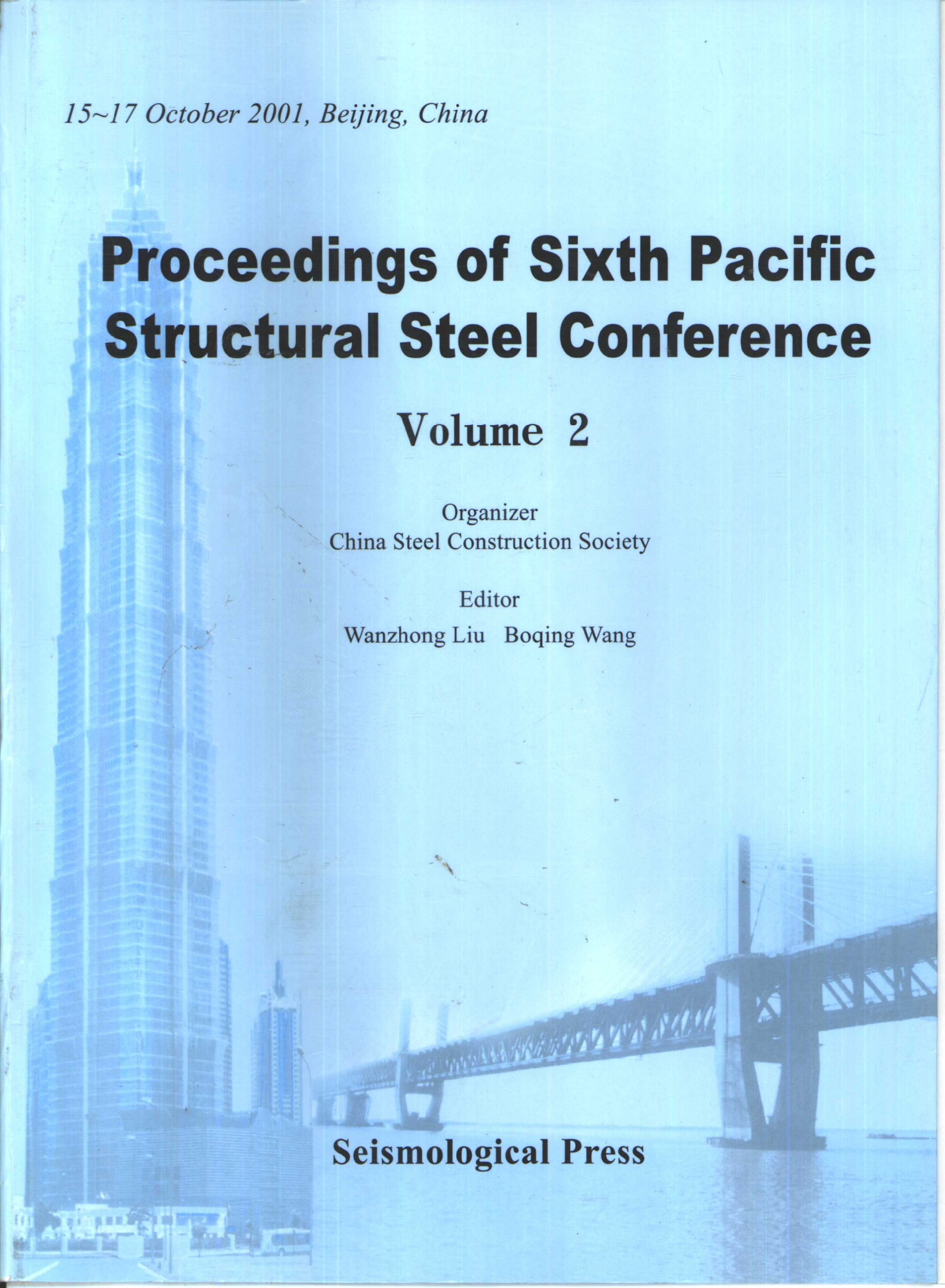
Proceedings of Sixth Pacific Structural Steel Conference

Volume 2

Organizer
China Steel Construction Society

Editor
Wanzhong Liu Boqing Wang

Seismological Press



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第六届太平洋地区结构钢会议录
第2卷

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Forward

The Sixth Pacific Structural Steel Conference will be held from October 15 to 17, 2001 in Beijing, China. This conference will be a grand gathering at the beginning of this century.

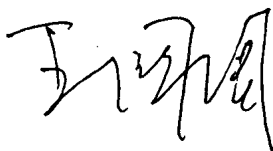
The conference has received 200 papers from 14 countries and regions such as China, Japan, Korea, Australia, and United State of America. The papers include the newest achievements of research, design and engineering practices of the modern world steel construction. In recent years, the steel structure of high-rise buildings, the large span and large space steel structure, the steel bridge structure and the steel tower structure are developed rapidly. The concrete-filled steel tubular (circular and square) structure and other steel-concrete composite structure are greatly increased in engineering structures. In order to meet the needs of steel structure development, the development and application of fire resistant steel, weather resistant and new type of high strength steel products are widespread concerned. High strength bolted connection technology, welded connection technology, steel structure fabrication and erection technology have achieved new progress. Prospects for the steel structure development to the 21st century have also been made by part of the papers. We are confident that the exchanges and discussion by the participants will surely promote the steel structure development in the new century.

At the same time of the conference, "International Steel Structure Exhibition" will also be held in Beijing, which provides an opportunity of visiting, exchanging, exhibiting and combination with market for the participants.

Based on the contents of the papers, this conference proceeding is composed by ten parts: Topic Speech; Design Concept, Standard and Specification; Structure Behaviors and Analysis; Fire resistance, Anti-Earthquake, Wind Resistance and Corrosion Prevention; New Type of Structural Materials and Auxiliary Technologies; Steel Structure Connection Technology; Bridge, Tower, Container and Special Steel Structure; Building Steel Structure; Steel and Concrete Composite Structure; The Maintenance and Reconstruction of Steel Structure.

The conference has received great help from various steel construction organizations and the experts, scholars, engineers who working in this field in the related countries and regions. On behalf of the Technical Committee of PSSC 2001, I say thanks to all of you. May the PSSC 2001 success.

Guozhou Wang
Professor
Chairman of Technical Committee
Sixth Pacific Structural Steel Conference
Beijing, China
October 2001



Organizer

China Steel Construction Society
Central Research Institute of Building and Construction , MCC
Metallurgical Council, CCPIT
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