

Event Report

5th IPA International Workshop

Event Report Part 1

Updated: 24 Dec 2014



Date: 3-5 December 2014
Place: Ho Chi Minh City, Viet Nam
Venue: [Sheraton Saigon Hotel & Towers](#)
Organizer: IPA Committees and Secretariat
Participant: 186 academics and engineers from 7 countries.
Programme:

- Special Presentation of the Press-in Engineering
- Award Ceremony for 5th IPA Research Grant Award Winners
- Research Presentation for the 4th IPA Research Grant Award Recipients
- Demonstration of the Silent Piler
- Reception and Banquet

Supporters: Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE)
Ho Chi Minh City University of Technology (HCMUT)
Ho Chi Minh City University of Architecture (UAH)
GIKEN LTD.
NIPPON STEEL & SUMITOMO METAL CORPORATION (NSSMC)
JFE Steel Corporation
Son Hai Construction Co., Ltd.



The 5th IPA International Workshop was held at Sheraton Saigon Hotel & Towers in Ho Chi Minh City of Socialist Republic of Viet Nam for three days from 3rd to 5th December 2014. 102 researchers and engineers from seven countries in the world participated. Further, the peoples concerned with Government, Academia and the peoples in important post of the Industry-Academia-Government those who are engaged in civil engineering, technologies and developments also participated in the total of 186. IPA has received substantial support from 7 entities of such Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE), Ho Chi Minh City University of Technology (HCMUT), Ho Chi Minh City University of Architecture (UAH) and the world eminent steelmakers to the Workshop and it led the Workshop to the success in contents as well as scale.

In the workshop, the 5th IPA Research Grant Award ceremony and the presentation of the research results for the previous award were held and the lectures to establish the principal objective for the Press-in technology development as well as the introduction of construction examples by practicing of the Press-in technology with various angles were conducted. The simultaneous interpretation system for 3 languages (English, Vietnamese, and Japanese) was adopted for the first time since it was held in No English-speaking region then won a favorable reception from all participants by omitting a conventional abridged translation, and having pushed forward smooth meeting administration. IPA expresses sincere appreciation towards Ho Chi Minh

City University of Technology, Ho Chi Minh City University of Architecture and the student of Kanazawa University for its outstanding contributions of the simultaneous interpretation as well as the translation of presentation materials.

The Press-in demonstration by Silent Piler ECO100 was conducted at the special event space in the yard owned by Son Hai Construction Co., Ltd. which establishes Head Qatar in Ho Chi Minh City with its full-scale cooperation on the last day of the Workshop. Some participants had the opportunity to experience the Press-in application with the actual machine and there was the introduction of the Press-in monitoring system with the large monitor. It was very impressive that the researchers of the countries of the world watched the Press-in application and the screen of the Press-in monitoring system eagerly in spite of intense heat more than temperature 30 degrees.

Ho Chi Minh City is named Oriental Paris as the core country of ASEAN which maintains stable economic growth and the development of the mega scale infrastructural projects of such the transportation network in the urban area are in progress with 24 hours system for a next year memory event of the 40th war victory anniversary, and the country adds to vigor. The groundwork of the Press-in technology penetration is ready due to the facts that the large-scale developments including the ODA projects are undertaken, the activation of the steel-related works and the establishment of the national standard for the steel sheet piles as well as the steel tubular piles. Therefore, it has been convinced that the appreciation and development of the Press-in technology were influenced by introducing the latest information of the Press-in technology to the world from Ho Chi Minh where development was remarkably progressed.

Opening Addresses



Opening Remarks by
Prof. Hajime Okamura
(Honorary Member)



Welcome Address by
Prof. Dr. Mai Thanh Phong
(Ho Chi Minh City University of
Technology)



Speech by
Mr. Akio Kitamura
(Honorary President)



Introduction of the IPA Activities by
Prof. Malcolm Bolton
(Chairman)



Moderator of Opening
Dr. Tadahiko Okumura
(Secretary General)

Special Presentations / Part 1



Mr. Tsunenobu Nozaki
(GIKEN LTD.)
The Latest Updates of Press-in Method
and Implant Structures



Prof. Yoshiaki Kikuchi
(Tokyo University of Science / IPA Director)
Development of Design and Construction Manual
of the Press-in Technology

Special Presentations / Part 2



Dr. Dang Dang Tung
(Ho Chi Minh City University of Technology)
Prospects of Press-in Technology in Viet Nam



Dr. Nguyen Manh Tuan
(Ho Chi Minh City University of Technology)
Prospects of Press-in Technology in Viet Nam



Dr. Phan Ta Le
(Ho Chi Minh City University of Architecture)
Prospect for Application of Press-in Technology
to Sheet Piling Works in Viet Nam



Prof. Dr. Nguyen Thi Tuyet Trinh
(University of Transport & Communications)
Design Specification of Steel Pipe Sheet Pile Foundation
of Viet Nam

Special Presentations / Part 3



Mr. Kei Teshima
(NIPPON STEEL & SUMITOMO METAL CORPORATION)
Technologies of Steel Construction Products
and Their Applications in Asia



Mr. Kazuhiro Tsujimoto
(JFE Steel Corporation)
Application of J-Pocket Pile by Press-in Method



Mr. Tran Van Trinh
(Son Hai Construction Co., Ltd.)
Introduction of Press-in Method with Water Jetting
in Viet Nam



Special Presentations / Part 4



Dr. Stuart Haigh (University of Cambridge) and Mr. Yukihiro Ishihara (GIKEN LTD.)
Recent R&D Activity on the Press-in Method



4th IPA Research Grant Award / Research Presentation



5th IPA Research Grant Award / Award Ceremony



Press-in Demonstration

Date: 5 December 2014
Place: Tran Van Cham, Ho Chi Minh City, Viet Nam
In the Yard of Son Hai Construction Co., Ltd.
Supporter: Son Hai Construction Co., Ltd.
Machinery: Silent Piler ECO100-4CA
Programme:
1. Demonstration of Press-in application
2. Demonstration of Press-in Monitoring System
3. Operation experience of the Silent Piler by participants

The Press-in demonstration was conducted at a yard owned by Son Hai Construction Co., Ltd. on the last day Friday 5th December, which located in the suburbs of Ho Chi Minh City for 32km with 60 minute drive from the venue, with the full-scale support by Son Hai Construction Co., Ltd.

ECO100-4CA used this time has been developed as an environmentally friendly with the thorough low noise and clean exhaust and also equipped with a scientific construction management IT system so that all participants carefully watched its smooth and quiet operation. The participants who experienced an easy operation of the actual machine had a surprising voice such as "Well designed !!" and "Wonderful !!". It was also a good opportunity to experience an advanced technology to visualize an underground condition along the Press-in piling theory with the Press-in piling data projected on a screen.

We sincerely express our gratitude toward all members of Son Hai Construction Co., Ltd. for their contribution to the valuable demonstration.





Operation experience by Prof. Tatsunori Matsumoto
(Kanazawa University / IPA Director)



Operation experience by Dr. Dang Dang Tung
(Ho Chi Minh City University of Technology)



Demonstration of Press-in Monitoring System



Son Hai Construction Co., Ltd.
President / General Director Mr. Phan Van Nga
(3rd from the left)
and Vice General Director Mr. Tran Van Trinh
(2nd from the left)

Welcome Reception3 December 2014 at Sheraton Saigon Hotel & Towers VIP 3 - 4



The customary welcome reception was splendidly held on 3rd December, the previous night of the Workshop, with participants from each country.

The reception was wrapped in a congenial atmosphere with the introduction of first meeting members and the information was exchanged among members of acquaintance.

Official Banquet4 December 2014 at Sheraton Saigon Hotel & Towers Ballroom 3

The IPA official banquet as the first day closing event of the Workshop was held at the Ballroom on the third level of Sheraton Saigon Hotel & Towers which is one of the pleasures for the participants and the authentic Vietnamese course dishes were being served.

Following the opening remarks by Dr. Phung Duc Long, the chairman of the Vietnamese Society for Soil Mechanics and Geotechnical Engineering, Prof. Masanori Hamada led the toast with greeting by Vietnamese then all participants thoroughly enjoyed the authentic Vietnamese dishes with fresh seafood and herbs.

The magnificent performance of a harmonica, as a customary event, was held by Mr. Hiroshi Kajikawa, the chairman of Kajikawa Construction Co., Ltd. a corporate member of IPA, and everyone sang together the Christmas song of encore then the atmosphere was congenial throughout the Banquet with full smiling faces.



The closing remarks were given by Prof. Yoshiaki Kikuchi of the IPA Director, who is one of the winners of 4th IPA Research

Grant Award, with a Japanese-style clapping called 'Ippon-jime'. Then the lively ceremony was closed.

It has been observed that the participants from various countries pleasantly talked about the Press-in technology with crossing barrier of the Engineers and the Researchers.

Attractive Townscape in Ho Chi Minh



Ho Chi Minh City as a largest commercial city in Viet Nam has achieved remarkable development in last over 10 years. Ho Chi Minh City was used to be praised with "the petit Paris". The still beautiful colonialism style buildings and the Catholic Churches exist in the city center area and those buildings together with tall trees along cityscape generate a rich taste that lets you get away from the hustle and bustle of a city. On the other hand, the entire city overflows in vigor by observing a large quantity of products piled up in the markets and an endless number of motorcycles are ceaselessly on the road. Commemorative events of 40th victory anniversary are being scheduled in 2015 so that the energetic prosperity is foreseen from the entire historical city.