

Event Report

3rd IPA International Workshop

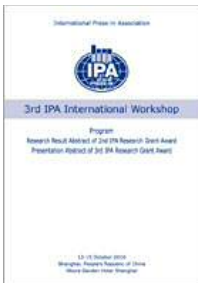
Event Report Part 1

Updated: 7 Jan 2011



Date: 14 - 15 Oct 2010
Place: Shanghai, People's Republic of China
Venue: Okura Garden Hotel Shanghai
Organizer: IPA Committees and Secretariat
Supporters:
Tongji University
Underground Space Committee of China
Civil Engineering Society
Sponsors:
Giken Seisakusho Co., Ltd.
Nippon Steel Corporation
MITSUI & CO., LTD.
Shanghai NO.2 Municipal Engineering Co., Ltd
Participant:
approximately 200 academics and engineers from 7 countries and a region.
Programme:

- Special Presentation of the Press-in Engineering
- Research Presentation by the 2nd Grant Award Winners
- Award Ceremony and Proposal Presentation for 3rd Grant Award Winners
- Demonstration of the Silent Piler
- Reception and Banquet



On 14 and 15 October, 3rd IPA International Workshop took place in Shanghai, China with approximately 200 academics and engineers from 7 countries and a region.

Following two workshops in the UK and the USA, this time was first holding in Asia and successfully the biggest scale ever. As the US Army Corps of Engineers helped us at the workshop in New Orleans, we received a lot of support from Shanghai local parties including the world prestige Tongji University, Underground Space Committee of China Civil Engineering Society and Shanghai NO.2 Municipal Engineering Co., Ltd.

In addition to the regular ceremony and presentation of the Research Grant Award unique presentations were made from various viewpoints such as research activities of the press-in engineering and social contribution by practice of the press-in technologies. At the end of the workshop there was an attractive demonstration managed by technical staff of Giken Seisakusho Co., Ltd. Participants had a short trip to the field and enjoyed the press-in technologies through the actual press-in piling, experience of machine operation, real-time measurements of noise and vibration and so on. It was a typical programme for the IPA to combine the academic research and practical observations.

Shanghai has been under vigorous development and now one of the most influential city in areas of industry, finance and economy of Asia. Actually, the Shanghai Expo being a contributing positive factor, areas surrounding the workshop venue were full of people all the time. So, it is highly expected that the press-in engineering will get more recognition and advance its researches though the workshop in Shanghai where economic growth and urban redevelopment are very active.

Opening



Opening Remarks by Prof. Hajime Okamura (Honorary Member)



Welcome Address by Prof. Fang-Le Peng (Director)



Welcome Address by Prof. Charles Wang Wai Ng (Hong Kong University of Science and Technology)



Speech by President Akio Kitamura (Honorary President)



Conference



Moderator of Opening Dr Tadahiko Okumura (Secretary General)

Special Presentation Part 1



Prof. Malcolm Bolton
(Chairman)
Opportunities for research and application



Prof. Fang-Le Peng
(Director)
Current Status and Future Prospects
for Press-in Technology in China



Dr. Yoshiaki Kikuchi
(Port and Airport Research Institute)
Mechanism of Inner Friction
of an Open Ended Pile

» **Research Presentation by the 2nd Grant Award Winners**



Special Presentation Part 2



Mr Takeshi Katayama
(Nippon Steel Corporation)
Present and Future of Steel
Sheet Pile Method in China



Mr Yukihiro Ishihara
(Giken Seisakusho Co., Ltd.)
Proposal and assessment of
estimation method of PPT data



Mr Zheming Li
(University of Cambridge)
The influence of cyclic loads
and earthquakes on pile groups

Special Presentation Part 3



Dr Wei-Dong Wang
(East China Architectural
Design & Research Institute)
Engineering Characteristics and Progress
for Building Foundation in Shanghai



Field Trip to Demonstration of Press-in machine in the Lingang newtown of Pudong district, 15 Oct 2010



Date: 15 Oct 2010
 Place: The Lingang newtown of Pudong district, Shanghai
 Venue: Line 11, Shanghai Metro
 In the 9 sector on new railway construction site.

Organizer: IPA Committees and Secretariat
 Supporters: Giken Seisakusho Co., Ltd.
 Nippon Steel Corporation
 MITSUI & CO., LTD.
 Shanghai NO.2 Municipal Engineering Co., Ltd

Programme:
 Demonstration of the Silent Piler
 Lectures and Discussion of the Press-in Engineering
 Press-in Management System,
 Measurement of Noise and Vibration



Demonstration of the Press-in technologies was organised at Lingang New Town in Pudong District where was about 75 km away from the main venue. It was the first time to set up the demonstration site only for the workshop. When travelling by car for 90 minutes, technical summary of the Press-in Method and the demonstration programme were explained to participants in advance. The site was located in the huge undeveloped area by the sea. There were few buildings and houses yet and the place looked ready for the forthcoming new railway construction work.



A standard sequence of the Press-in Method was demonstrated including press-in, extraction and self-moving. Participants could see it from a pavilion in a relaxed manner. Taking an advantage of the demonstration site, many people came closer to the working press-in machine and observed its movements from whatever angles and distances they wanted. Moreover, some of them had a chance to operate the machine by themselves with the radio controller under the guidance of the authorised Press-in Instructors. Participants enjoyed the demonstration and seemed to be impressed by high performance of the press-in technologies with safety, speed, drivability, reliability and quietness.



Press-in Quality Control System



Noise meter and Vibrometer



Reception, 13 Oct 2010 in Okura Garden Hotel Shanghai



Welcome reception was held on the night before the workshop. This time the number of attendees was two times and their areas of expertise were also more variety than that of 2nd IPA Workshop, thus it was very active for new members to introduce themselves and for regular members to exchange the latest information and enjoy renewing the friendships.



Banquet, 14 Oct 2010 in Okura Garden Hotel Shanghai



Actually the most expecting event for attendees was the official banquet at the end of the 1st day. They were invited by the IPA to the Dragon room on 32nd floor at Okura Garden Hotel Shanghai and were served delicious regional Chinese cuisine. Tables were full of dishes with rich seafood. Especially the sauteed shelled river shrimps and the steamed guihua fish did an excellent work to remind attendees of the joy of living. The room was filled with conversation and laughter but some academics and engineers seemed not to satisfy their intellectual appetite by dishes. So they still continued discuss about the press-in engineering.