

# Event Report

## IPA Seminar on Press-in Technology in Vietnam

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Committee Member

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On December 6, 2018, the IPA Seminar on Press-in Technology was successfully held in the University of Transport and Communications, Ha Noi, Viet Nam. The Seminar was jointly organized by International Press-in Association (IPA), University of Transport and Communications (UTC), and Vietnam Association of Soil Mechanics and Geotechnical Engineering (VSSMGE). Especially, the Seminar was sponsored by GIKEN LTD., JFE Steel Corporation, NIPPON STEEL & SUMITOMO METAL CORPORATION, and Takenaka Corporation. Further, it received a strong support from Faculty of International Education (INED) and Vietnam-Japan Development Research Center (VJARD) in UTC.

### IPA SEMINAR

Date: Thursday 6th December, 2018 [9:00-16:00]

Venue: Auditorium, University of Transport and Communications (UTC)

Address: No.3 Cau Giay Street, Lang Thuong Ward, Dong Da District, Hanoi, Vietnam

Participants: 227

### LOCAL ORGANIZING COMMITTEE (LOC) Members:



Dr. Phung Duc Long  
President,  
Vietnam Association of Soil  
Mechanics and Geotechnical  
Engineering (VSSMGE)  
Co-chairman



Prof. Tatsunori Matsumoto  
Director of IPA,  
Kanazawa University  
Chairman



Prof. Dr. Nguyen Ngoc Long  
Rector,  
University of Transport and  
Communications (UTC)  
Co-chairman

The Seminar was commenced with the opening address by Prof. Dr. Nguyen Ngoc Long, President of UTC followed by the greeting from Dr. Phung Duc Long, President of Vietnamese Society for Soil Mechanics and Geotechnical Engineering. After that, ten (10) meaningful presentations from various fields were presented successfully as follows:

**IPA PROGRAM:**

09:50 – 10:20	<b>Presentation 1</b>	Current practice of piling works in Vietnam	
		Dr. Phung Duc Long	President, VSSMGE
		Mr. Nguyen Quoc Khanh	FECON
10:20 – 10:50	<b>Presentation 2</b>	<b>Press-in Retaining Structures: A handbook (Construction)</b>	
		Mr. Tomotaka Hirose	GIKEN SEISAKUSHO ASIA PTE., LTD.
11:00 – 11:30	<b>Presentation 3</b>	Sheet pile wall design – Case studies in Hanoi	
		Dr. Nguyen Chau Lan	Deputy head of Geotechnical Engineering Lab., UTC
		Dr. Do Tuan Nghia	Lecturer, TLU
11:30 – 12:00	<b>Presentation 4</b>	<b>Press-in Retaining Structures: A handbook (Design)</b>	
		Prof. Tatsunori Matsumoto	International Press-in Association Director / Prof. at Kanazawa University
12:00 – 12:30	<b>Presentation 5</b>	CDM walls for basements of high-rise buildings in soft soil conditions	
		Mr. Dao Trieu Kim Cuong	President, TELICO
		Dr. Le Thiet Trung	Head of Geotechnical Department, NUCE
13:30 – 13:45	<b>Presentation 6</b>	Verification of reduction factor of sectional properties of Steel Sheet Pile due to lack of interlock integrity	
	Sponsor Presentation	Mr. Tomoya Tominaga	Senior Manager, NIPPON STEEL & SUMITOMO METAL VIETNAM CO., LTD
13:45 – 14:00	<b>Presentation 7</b>	Mechanical joint "JFE High-Mecha-Neji™" for steel pipe piles and steel pipe sheet piles	
	Sponsor Presentation	Mr. Shunsuke Usami	JFE Steel Corporation
14:00 – 14:15	<b>Presentation 8</b>	Soil-cement walls with H-shaped steel piles supporting high-rise buildings	
	Sponsor Presentation	Mr. Junji Hamada	Takenaka Corporation
14:15 – 14:30	<b>Presentation 9</b>	GIKEN G.R.B. System	
	Sponsor Presentation	Mr. Masafumi Yamaguchi	GIKEN LTD.
14:30 – 15:00	<b>Presentation 10</b>	E-site visit (Introduction of the Press-in applications)	
		Mr. Yuta Kitano	GIKEN LTD.

Many participants attended the IPA Seminar including local scientists and lecturers, representative of Science and Technology Department of Ministry of Transport, geotechnical engineering practitioners, consultants and contractors and members of the IPA. Graduated students and senior undergraduate students from several Vietnamese universities also participated in the event. After all the presentations, an open forum was conducted to further discuss the advantages of using press-in technology and feasibility of applying in Viet Nam. Many questions were raised by the audiences related to the construction and cost aspects of the Press-in technology. Questions raised by the audiences were comprehensively answered by the presenters for clear understanding.

Prof. Tatsunori Matsumoto - IPA Director – presented a guidance on the use of the “Press-in Retaining Structures: A handbook (First Edition 2016). IPA hopes that this opportunity will enhance the understanding on the practical use of the Press-in Method for the research, design and implementation of future projects in Viet Nam.

Prof. Tatsunori Matsumoto delivered the concluding remarks of the event, expressing his appreciation to all participants, organizers and sponsors. He determined that the application of Press-in Technology in Viet Nam is timely and IPA is

looking forward to more collaborations in the near future.



Photo 1. Presenters and invited guests of the IPA Seminar on Press-in Technology in Viet Nam



Photo 2. Many graduate and undergraduate students of UTC attended the Seminar