



# IPA Seminar on Press-in Technology in Thailand

18<sup>th</sup> May 2018, Friday

## WELCOME

The International Press-in Association (IPA) is an academic organization to explicate the unseen phenomena and mechanism below the ground by the press-in engineering in close coordination with various technical fields such as environmental, geotechnical, mechanical, instrumentation and construction engineering.

IPA would like to invite you to attend the IPA Seminar on Press-in Technology in Thailand, which explains details of the Press-in Method, including design and construction aspects.

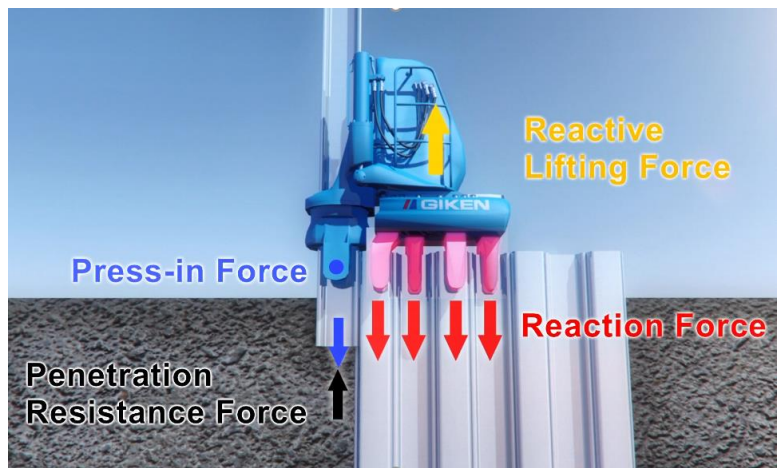
## WHAT IS PRESS-IN?

In the Press-in Method, prefabricated piles are installed into the ground without noise and vibration using static loading generated from hydraulic rams. The reaction force is derived from extraction resistance of previously driven piles, allowing the invention of a small press-in machine, so called the “Silent Piler” to generate greater force by integrating with the ground. Such compact machine can work under physically restricted working conditions. The Press-in Method is originated in Japan and over the years, it has been disseminated widely across the world through successful applications. The Press-in Method has also been used in difficult site conditions in Thailand and Southeast Asian region.

For more details and reference, please visit our website <https://www.press-in.org/en>.

## OBJECTIVE OF SEMINAR

IPA aims to promote this method through collaborated effort within industry-academia-government, and therefore we are pleased to organize a seminar in Thailand to commemorate the release of handbook, entitled the “**Press-in retaining structures: a handbook (First edition 2016)**”. This seminar will provide guidance on the use of the handbook in the design and construction of Press-in Method.





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18<sup>th</sup> May 2018, Friday

## IPA SEMINAR

**Date:** 18<sup>th</sup> May 2018, Friday [09:00 – 16:10]

**Venue:** The Engineering Institute of Thailand (EIT)

**Address:** 487 Soi Ramkhamhaeng 39, Ramkhamhaeng Road, Bangkok 10310, Thailand

(<http://www.eit.or.th>) (Map: <https://goo.gl/maps/YUw4H1YJcP>)

**Contact:** TEL +66 2184 460 E-mail: [eit@eit.or.th](mailto:eit@eit.or.th)

## Program:

09:00 – 09:30	<b>Registration</b>		
09:30 – 09:40	<b>Opening Speech</b>	Dr. Aphichat Sramoon	President of Thailand Underground & Tunneling Group
09:40 – 10:10	<b>Presentation 1</b>	Application of Physical Modeling on Retaining Structure	
		Dr. Jiro Takemura	Assoc. Prof. at Tokyo Institute of Technology / International Press-in Association Director
10:10 – 10:40	<b>Presentation 2</b>	Overall current practice of piling work in Thailand	
		Dr. Wanchai Teparaksa	Assoc. Prof. at Chulalongkorn University
10:40 – 10:50	(Coffee break)		
10:50 – 11:20	<b>Presentation 3</b>	Fundamentals of Press-in machine technology and Future potential projects in Thailand	
		Dr. Ittichai Boonsiri	Geotechnical and Foundation Engineering Co., Ltd.
11:20 – 12:00	<b>Presentation 4</b>	<b><u>Press-in Retaining Structures: A handbook (Design)</u></b>	
		Dr. Jiro Takemura	Assoc. Prof. at Tokyo Institute of Technology / International Press-in Association Director
12:00 – 13:00	(Lunch break)		
13:00 – 13:30	<b>Presentation 5</b>	Silent Piler usage experience in Thailand and difficult condition to be applied	
		Mr. Visanu Vivatanaprasert	Managing Director of Altemtech Co., Ltd.
13:30 – 14:10	<b>Presentation 6</b>	<b><u>Press-in Retaining Structures: A handbook (Construction)</u></b>	
		Mr. Kohei Takata	GIKEN SEISAKUSHO ASIA PTE., LTD.
14:10 – 14:50	<b>Presentation 7</b>	The Best Practice Notes for Water Jetting	
		Mr. Tsunenobu Nozaki	GIKEN LTD.
14:50 – 15:00	(Coffee break)		

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15:00 – 15:30	<b>Presentation 8</b>	E-site visit (Introduction of the Press-in applications)	
		Mr. Tomotaka Hirose	GIKEN LTD.
15:30 – 16:00	<b>Forum</b>	Discussion / Q and A	
		Dr. Pastsakorn Kitiyodom*	Geotechnical and Foundation Engineering Co., Ltd.
16:00 – 16:10	<b>Closing</b>	Closing remarks	
		Dr. Osamu Kusakabe	The President of International Press-in Association

\*Note: Moderator...Dr. Pastsakorn Kitiyodom

**Registration fee:** \*Buffet lunch and coffee breaks will be provided

Non-Members JPY3,500 (approximately THB 1,000) per person

IPA Members JPY3,000 (approximately THB 850) per person

Students JPY 1,750 (approximately THB 500) per person

**Registration:** can be done at our website <https://www.press-in.org/en/event>

**Payment method:** Online Payment by credit card upon registration at the above website

**Cancellation:** In the event of cancellation, your payment will not be refunded, but a change of participants is allowed.

**Benefit:** 9 PDU points offered by EIT (The Engineering Institute of Thailand)

**Note:** One (1) soft copy of the handbook (USB memory) shall be distributed to every group of 4 participants, from the same organization.

### **Local organizing committee (LOC)**

#### **Honorary Chair:**

Dr. Noppadol Phienwej

(President of the Southeast Asian Geotechnical Society -SEAGS)

#### **Chair:**

Dr. Suttisak Soralump (President of Thai Geotechnical Society-TGS)

Dr. Apichart Sramoon (President of Thailand Underground & Tunneling Group-TUTG)

#### **Co-chair:**

Dr. Pastsakorn Kitiyodom

(Geotechnical and Foundation Engineering Co., Ltd.)

#### **Committee members:**

Associate Professor Dr. Wanchai Teparaksa

(Chulalongkorn University)

Associate Professor Dr. Pongsakorn Punrattanasin

(Khon Kaen University)

Associate Professor Dr. Pornkasem Jongpradist

(King Mongkut's University of Technology Thonburi)

Dr. Ittichai Boonsiri

(Geotechnical and Foundation Engineering Co., Ltd.)

Mr. Tsunenobu Nozaki (GIKEN LTD.)

Mr. Kenji Toda (President, GIKEN SEISAKUSHO ASIA PTE., LTD.)



**IPA Director in charge:** Associate Professor Dr. Jiro Takemura (Tokyo Institute of Technology)

**Organizer:** International Press-in Association (IPA)  
**Co-organizer:** The Engineering Institute of Thailand (EIT)  
Thailand Geotechnical Society (TGS)  
Thailand Underground & Tunneling Group (TUTG)  
**Supporters:** TEAM Consulting Engineering and Management Co., Ltd.  
Geotechnical and Foundation Engineering Co., Ltd.  
**Sponsor:** GIKEN LTD.

“Welcome to Thailand @ ยินดีต้อนรับสู่ประเทศไทย”

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