



Steel Sheet-Pile Symposium in KMUTT

TC3, International Press-in Association (IPA)
King Mongkut's University of Technology Thonburi (KMUTT)

DATE : October 31, 2019

PLACE : KMUTT meeting room

SUMMARY:

Recently, a steel sheet-pile method has been used as a permanent structure rather than temporary works as before, so that design and construction methods have to be well established. This is the common situation not only in Japan but also in all the Asian countries. International Press-in Association (IPA) has started a technical committee (TC3) on steel sheet-pile method in 2017. In this symposium, the current development and practice on steel sheet-pile method in Japan and recent research accomplishments on PFS (Partially Floating Sheet pile) Method are introduced.

PROGRAM:

(Chair: Pastsakorn Kitiyodom, Co-chair: Pornkasem Jongpradist)

- 9:30 - 9:40 : Opening address
Jun OTANI (Kumamoto University, Chair of IPA-TC3)
- 9:40 - 10:00 : Introduction of IPA and TC
Tatsunori MATSUMOTO (Kanazawa University, advisor of IPA-TC3)
- 10:00 - 10:40 : Introduction of IPA-TC3 and PFS (Partially floating sheet-pile) method
Jun OTANI (Kumamoto University, Chair of IPA-TC3)
- 10:40 - 11:00 : Break (Catering service will be prepared.)
- 11:00 - 11:30 : Site investigation on PFS method in Kumamoto Prefecture
Kiyonobu KASAMA (Tokyo Institute of Technology, member of IPA-TC3)
- 11:30 - 12:00 : Results of centrifuge tests on PFS method
Tetsuo TOBITA (Kansai University, member of IPA-TC3)
- 12:00 - 12:30 : Results of numerical analysis on PFS method
Kentaro NAKAI (Nagoya University, member of IPA-TC3)
- 12:30 - 13:30 : Break (Lunch will not be prepared.)
- 13:30 - 14:10 : Topics on sheet piling or foundation engineering in Thailand
Visanu Vivatanaprasert (Altemtech Co., Ltd.)
- 14:10 - 14:40 : Steel sheet pile technology
Shinji TAENAKA (Nippon Steel, Secretary General of IPA-TC3)
- 14:40 - 15:10 : Researches on press-in technology
Yukihiro ISHIHARA (Giken, member of IPA-TC3)
- 15:10 - 15:30 : Q&A
- 15:30 - 15:40 : Closing