

Date : 19 June (Sat) and 20 June (Sun) 2021

Venue : Online

ICPE2021 Website : https://icpe-ipa.org/

■ Background

There is a growing need for the maintenance and renovation of obsolete infrastructure in developed countries. In the meantime, developing countries face compelling challenges of constructing adequate infrastructure in response to rapid urbanization. Also, we are witnessing greater threats of earthquakes, typhoons and other natural disasters, which forces us to recognize and acknowledge the unexpected vulnerability of infrastructure. Meeting these challenges will require an academic field of planning, researching and designing sustainable infrastructure. Thus, there is a pressing need to establish an academic field to facilitate comprehensively the training of engineers and the development of technologies that will support construction work in devising efficient machines and energy- and labor-saving construction processes.

■ Objectives

Considering the above-mentioned background, this international conference aims to promote the academic field of "Press-in engineering", where experts of various academic fields interact with a focus on the Press-in method. The conference offers opportunities for academics and technicians to intercommunicate with one another and for students and young experts to present their achievements. It also provides forums for introducing Japanese efforts for building national resilience as well as study reports of IPA Technical Committees.

■ Theme: Evolution and Social Contribution of Press-in Engineering for Infrastructure Development, and Disaster Prevention and Mitigation

- 1. Disaster prevention and mitigation, such as countermeasure against Tsunami, erosion control, slope protections and others
- 2. Renovation or development of infrastructure, such as road, railway, adjacent construction, rural area development and others
- 3. Improvement of productivity and environmental issues, such as development of devices, construction managements, logistics, noise, vibration and others
- 4. Methods or case studies of project evaluation
- 5. Performance assessment of structures, such as pressed-in piles/sheet piles, and retaining wall/deep foundations constructed by pressed-in piles/sheet piles and others
- 6. Education
- 7. Other

Note: Papers both on academic issues (fundamental research) and on practical issues (application examples and machine development) are welcome.

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International Press-in Association (IPA)

THE KAJIMA FOUNDATION

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International Society for Soil Mechanics and

Geotechnical Engineering (ISSMGE)

The Asian Civil Engineering Coordinating Council (ACECC)

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(Total 27 groups as of 1 February 2021)

Subsidies





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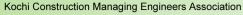












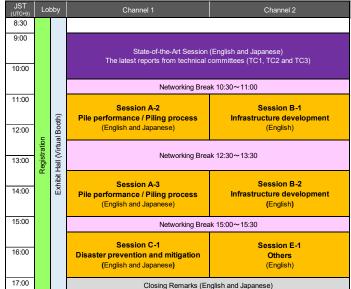
Kochi Survey and Planning Association

Kochi Industrial Association

The Kochi Shimbun

ICPE2021 Online Program Day One: Saturday, June 19 Day Two: Sunday, June 20

8:30 9:00 Welcome and Opening (English and Japanese) 10:00 Networking Break 10:30~11:00 11:00 Keynote Lecture 1 (English and Japane Exhibit Hall (Virtual Booth) Keynote Lecture 2 (English and Japanese)
s in the Tip Resistance of Piles Jacked or Driven into Strong Soil or Weak Ro 12:00 Networking Break 12:30~13:30 13:00 Session D-2 Session A-1 14:00 Pile performance / Piling process (English and Japanese) (English) 15:00 Networking Break 15:00~15:30 Session A-4 Session D-1 16:00 Case histories Pile performance / Piling process (English and Japanese) (English) 17:00



■ Call for Papers

- · Papers related to Press-in Engineering corresponding to the theme of the conference are requested.
- · Writing is to be in English
- All submitted papers will be reviewed by several reviewers.

■ How to Submit Abstract

· Approximately 400 words. Format shall be downloaded from the following website:

URL: https://icpe-ipa.org/contributions

Email to ICPE2021 Scientific working group (Chair: Katsutoshi Ueno).

E-mail address: icpe2021@gmail.com

■ Keynote Lectures

Lecture 1

Theme: Research and development for infrastructure maintenance, renovation, and management

Speaker: Dr. Yozo Fujino (President, Josai University)

Lecture 2

Theme: Design Considerations in the Tip Resistance of Piles Jacked or Driven into Strong Soil or Weak Rock

Speaker: Dr. Mark Randolph (University of Western Australia)

■ State-of-the-Reports

Report-1

IPA TC-1 Application of cantilever type steel tubular pile wall embedded to stiff ground (tentative)

Report-2

IPA TC-2 Use of press in piling data for estimating subsurface information

Report-3

IPA TC-3 State of the art report on steel sheet pile method in geotechnical engineering development of PFS method

■ Fees: Please visit the IPA website (https://www.press-in.org/en/event) or scan the QR code to pay each fee.

ltem	Classifications		Early registration until 31 Mar '21	Normal registration on/after 1 Apr '21	QR Code
Registration ^{※1}	IPA Members	Over 36**3	JPY 14,000	JPY 17,000	
		Under 36	JPY 6,500	JPY 8,500	
		Students	JPY 1,700	JPY 3,500	
	Non-members	Over 36*3	JPY 22,000	JPY 26,000	
		Under 36	JPY 15,000	JPY 17,000	
		Students	JPY 2,500	JPY 4,500	
Full paper processing	I paper processing IPA Members		JPY 10,000		
charge ^{**2}	Non-members	lon-members		JPY 20,000	
Proceedings ^{**4}			JPY 15,000 per copy		

- X1: The proceedings data (electronic version) are included.
- ※2: A full paper processing charge will be essential for each paper. IPA would like the authors/co-authors whose papers are accepted to the proceedings to participate in the conference by paying the registration fee.
- *3: "Over 36" is defined as the participants who become 36 on or before 19 June 2021, and "Under 36" is defined as the participants who do not become 36 on or before 19 June 2021.
- *4: B5-sized, hardcover, black-and-white, electronic media such as USB are not included. (Shipping fees will be added.)

Please be advised that the annual due of IPA membership for individual members is JPY 10,000 or free for student members.

IPA welcomes your joining us from our website (URL: https://www.press-in.org/en/page/join).

■ Official Language English (Japanese-English translation is in the main sessions and some general sessions)





■ International Advisory Board

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■ Welcome to Kochi, Japan









Courtesy of Kochi Visitors & Convention Association

Please refer to Visitors' guide, VISIT KOCHI

(URL: https://visitkochijapan.com/en) for more details.

Date. 19 May 2021