

Event Report

The Second International Conference on Press-in Engineering 2021, Kochi

“The Second International Conference on Press-in Engineering (ICPE) 2021, Kochi, Japan” was held by the ICPE 2021 Organizing Committee / International Press-in Association (IPA) on 19th and 20th June 2021 online, and it has been about three years since the first ICPE was held at Kochi University of Technology (Kochi, Japan) in September 2018.

The IPA has encouraged global prevalence of “Press-in Engineering” which is based on the Press-in Technology (Installation method of piles with static loads) and developed by the specialists from various technical fields. The IPA has continued its activity such as research and publication related to the Press-in Engineering, and held the Press-in Technology seminars in Japan on yearly-basis and international seminars in Vietnam, Malaysia and Thailand after the first ICPE. As for publication, the second edition of the “Design and Construction Guideline for Press-in Piling (the Japanese version)” and the first introductory book of Press-in technology “New Horizons in Piling” were published in 2020, and also, the second edition of the “Press-in retaining structures: a handbook” was published soon after the ICPE 2021 was held.

The ICPE 2021 was held in the commemorable year of 15th anniversary of the establishment of the IPA in order to present the fruits of its activities and offer the opportunities for academics and technicians to intercommunicate with one another and for students and young experts to present their achievements. Although the ICPE 2021 was held online due to the pandemic of COVID-19, the ICPE 2021 could be held with supports obtaining from 27 groups and subsidies from 2 institutions, and the sum of 430 people from 19 countries participated in the conference.

Under the theme of “Evolution and Social Contribution of Press-in Engineering for Infrastructure Development, and Disaster Prevention and Mitigation”, the ICPE 2021 aimed at development of the technologies and training of experts that support maintenance of infrastructure through the various activities such as developing researches related to planning, investigation and design of sustainable infrastructure maintenance, efficient machines and energy-and-labor-saving construction processes on the background of growing social needs for the maintenance and renovation of obsolete infrastructure, and mitigation of the threats of earthquakes, typhoons and other natural disasters which have brought increasingly severe problems around the world.

The IPA invited Dr. Yozo Fujino (President, Josai University) and Dr. Mark Randolph (Professor, University of Western Australia) as keynote lecturers and had their presentations with the themes “Research and development for infrastructure maintenance, renovation, and management” and “Design Considerations in the Tip Resistance of Piles Jacked or Driven into Strong Soil or Weak Rock”, respectively. As for State-of-the-art Reports, the Technical Committees (TC1, TC2, TC3) delivered their latest reports regarding their research activities. Furthermore, a total 59 of presentations were delivered in the technical sessions. In spite of the COVID-19 pandemic, the ICPE 2021 was a fruitful conference for us because of active involvement by all the participants.

In opening and closing ceremony, the IPA granted several awards to those who contributed to development of Press-in Engineering and the presenters of each technical session of the conference who were chosen as the most excellent presenters in each session based on votes of the audience. As the entire programs were conducted like ordinary on-site conference, the IPA also considers the ICPE 2021 was quite meaningful for future activities through the events like seminars and conferences with fitting the new normal. The ICPE Organizing Committee and IPA will keep on making efforts to hold more attractive conferences with considering the possibilities for convening the future ICPEs outside of Japan, and also combining on-site and online styles, for instance.

Welcome & Opening



Tatsunori Matsumoto
Chair of ICPE 2021



Leung Chun Fai
President of IPA



Charles Ng
President of ISSMGE



Seiji Hamada
Governor of Kochi Prefecture



Mamoru Mimura
President of Japanese Geotechnical Society



Katsutoshi Ueno
Chair of Scientific Working Group

Award Ceremony



Andrew McNamara
Chair of IPA Award Committee

Keynote Lectures



Yozo Fujino
Josai University



Chair:
Yukihiro Ishihara



Mark Randolph
University of West Australia



Chair:
Kenichi Horikoshi

State-of-the-Art Reports



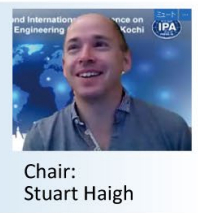
Jiro Takemura
Tokyo Institute of Technology



Yukihiro Ishihara
GIKEN LTD.



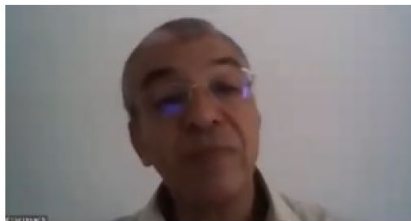
Jun Otani
Kumamoto University



Chair:
Stuart Haigh

General Sessions

Closing Ceremony



Mounir Bouassida
University of Tunis El Manar



Yoshihisa Fujisaki
Chair of Administrative Working Group

Best Presentation Award



Please click here to see more details of ICPE2021: <https://www.press-in.org/upload/files/Newsletter/Vol.6%2C3.pdf>