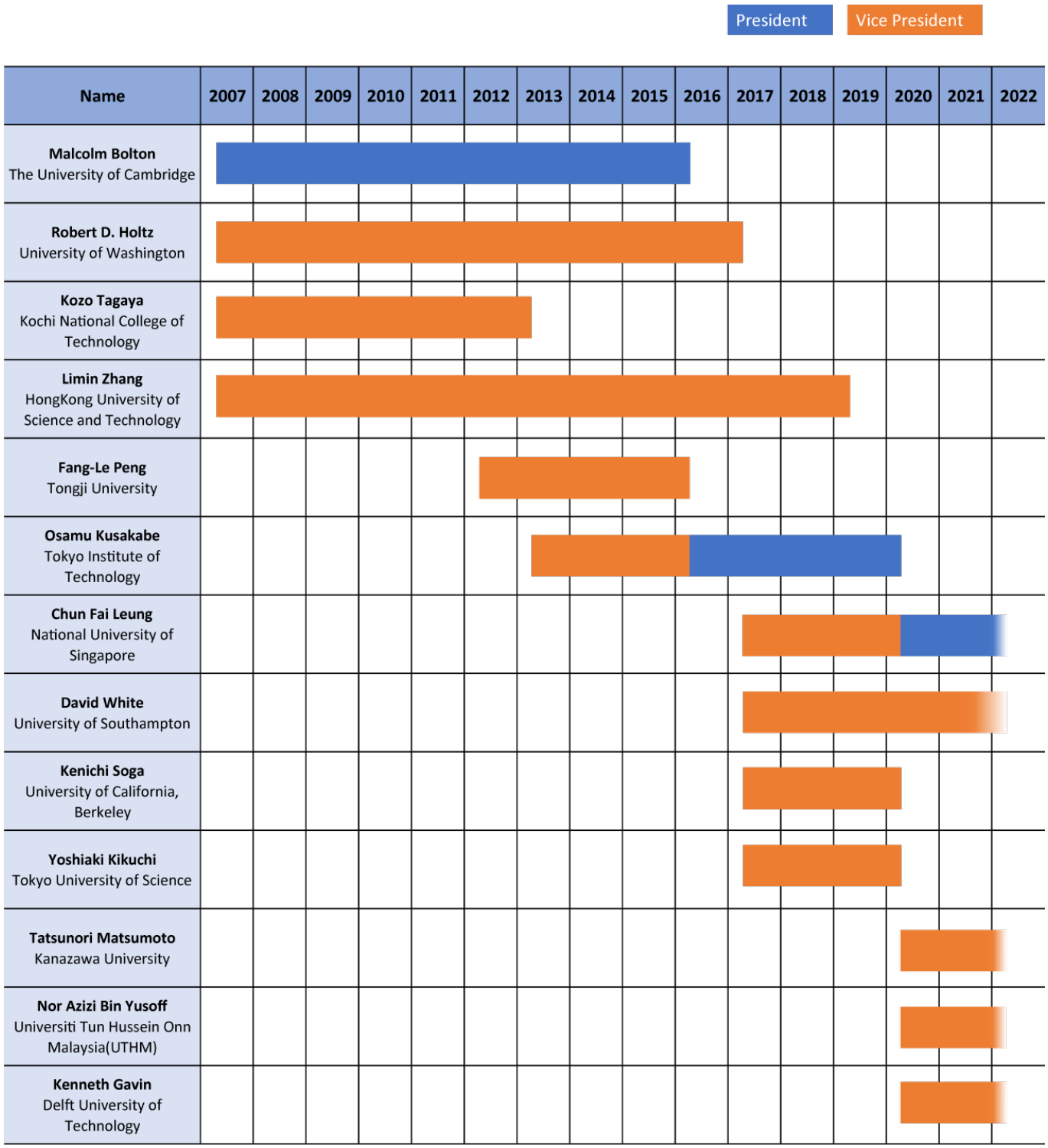
Chapter 4

The IPA Community

Successive Presidents and Vice Presidents

As of January 2022

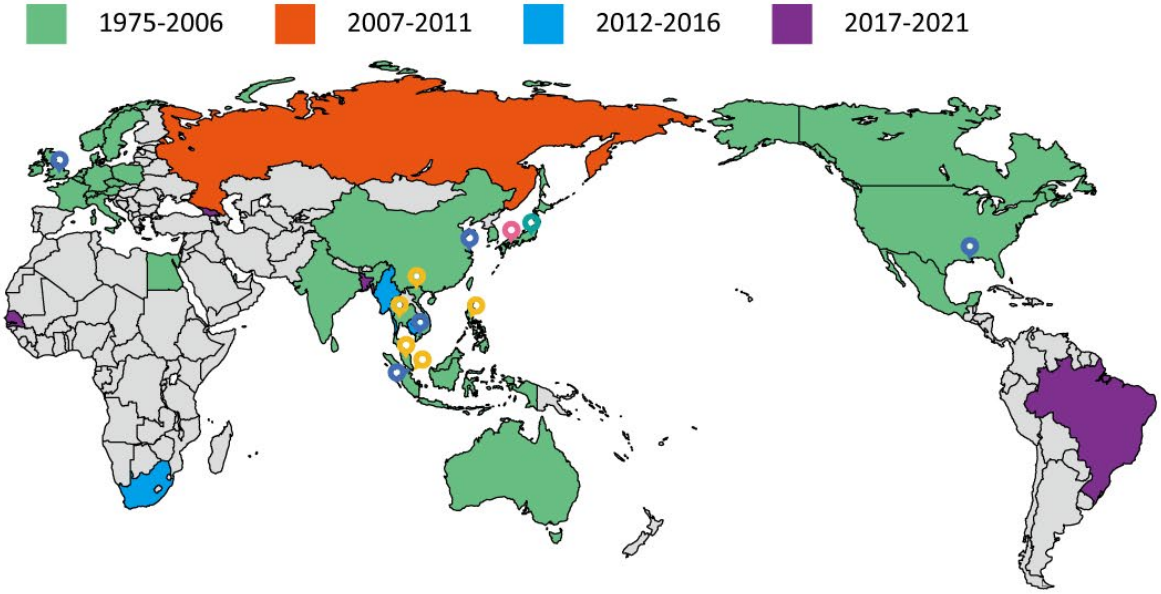


Affiliations are as of the date of appointment.

Global Activities

As of January 2022

Press-in piling technology applied in 43 countries/areas



The data is based on the achievements of Press-in project by GIKEN Group and their users.

International Workshop

5 Times UK, USA, China, Singapore, Vietnam

Press-in Engineering Seminars

12 Times Japan

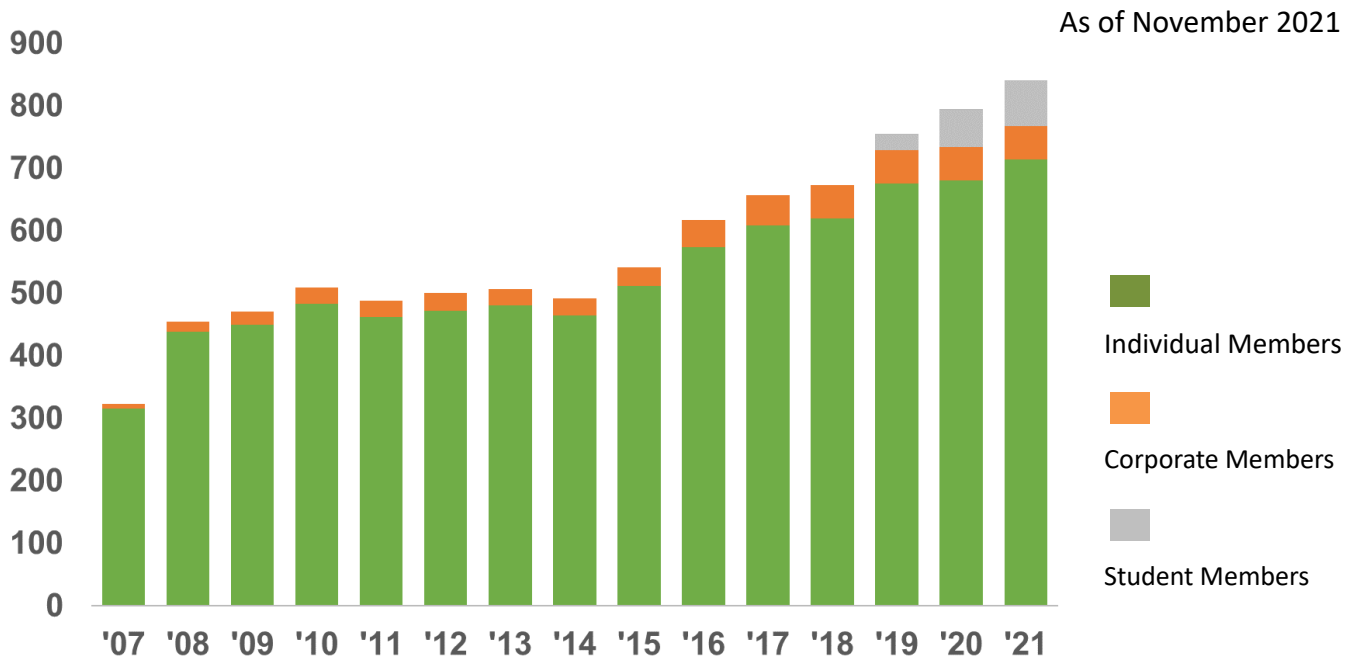
International Conference on Press-in Engineering

2 Times Japan

Seminars on Press-in Technology

5 Times Singapore, Malaysia, Thailand, Philippines, Vietnam

Members Data



Messages from Members

Corporate Member

Tomohisa Ozawa

President, Ozawa Civil Engineering and Construction Co. Ltd.

On the occasion of The International Press-in Association's 15th anniversary, I would like to express my heartfelt congratulations. Our company was founded in 1913, but since 1957, when we began applying a pile driving machine, we have been focused on being a company that specializes in driving precast piles. It has been over 30 years since we first used our Silent Piler, KGK130-C4, in the 1990s. The three-point pile driver had previously been the backbone until then, but the allure of Press-in Method entirely altered our pile driving machinery into Silent Pilers.

There are many enticing aspects of "The Press-in Method" such as the principle of the method to install piles into the ground using completed piles as reaction force, as well as the fact that the machine is so light and compact, but from my perspective, Press-in Method is simply superb. Many young people are enthralled by the prospect of operating compact and fashionable Press-in machine with a radio-controlled transmitter and performing methodical construction while clearing diverse ground and working circumstances. Our youthful employees, who joined us with the goal of operating the Silent Pilers in the same manner as senior operators, are working hard every day. In the other words, Press-in method is offering young people dreams and assisting them in acquiring skills to help develop social infrastructure and contribute to people safety and security.

The International Press-in Association (IPA)'s activities serve scientifically support and visualize field work, thereby enhancing the brand value of the Press-in Method, providing confidence and goals to our rejuvenated operators, and contributing to the revitalization of the Press-in industry. As the Press-in method becomes more widely used around the world, I believe that both construction techniques and scientific proof will become increasingly relevant. I would want to enlist your help in spreading the Press-in Method, which has attracted individuals from all around the world, by working together more closely.

Changyong Wang

Corporate Member

CEO, SHANGHAI TRUST MACHINERY IMPORT & EXPORT Co., Ltd.

Shanghai Trust Machinery joined the IPA in 2010 and has since contributed as a corporate member. For over a decade we have promoted press-in technology to companies domestically in China and internationally in Eastern Asia. Trust is dedicated to provide the most.

As a member, Trust Machinery stood by the IPA and witnessed steady growth and expansion. For 15 years, the IPA's devotion to streamline press-in technology was not wavered. The IPA is not only a forum for academics from all over the world to share theoretical insights, but a gathering of like-minded industrial inquisitors, always looking to improve and reform the current conventions. The IPA conducts researches and analyses construction data gathered first hand by its corporate members. The IPA always expects more from the press-in technology, and drives themselves to the next breakthrough.

15 years is an impressive milestone, yet it is only the beginning for the IPA. In the past decade and a half, as a member Trust Machinery had the pleasure to work alongside the renowned experts of press-in technology, made new connections and strengthened previous bonds. Trust Machinery thanks all members of the IPA for being part of the association's success. It is our hard work and thirst to innovate that guarantees IPA's success and prospects. Trust Machinery is a proud member of the IPA and looks forward to many years to come.

Koichi Maekawa

Individual Member

Former Director (2007-2019)

Professor, YOKOHAMA National University

It has been 15 years since the establishment of the International Press-in Association, and so dynamic activities have been continued in various fields such as technological development, dissemination, holding of international conferences and seminars, training of young human resources, and development of new fields. I want to congratulate those who have supported IPA. It goes without saying that the tireless efforts of many engineers and researchers have supported the rise of the Association. I myself have been mainly involved in the design and maintenance of on-ground infrastructures like reinforced concrete and steel. When I was appointed as an IPA board member, I did not have enough knowledge and experience in designing and constructing sheet piles and pile foundations, but the silent Press-in method of driving sheet piles was very exciting. I think that its high productivity illuminates the path that future construction projects should take. Also, the message of "visualizing the underground" still remains in my heart.

At that time, I was beginning to be aware of problems in the design and construction of underground structures such as transportation infrastructure, energy utility facilities and storage spaces. I am grateful that many people were able to share high-quality information and experience, as well as discussions on development and plans for the future, without being tied to any field or area within IPA. Although the International Press-in Association is based in Japan, it is noteworthy that it has been active with a strong international axis since its establishment. I think that the growth of young and mid-career engineers and the efforts of new themes are important achievements. We IPA hope that we will continue to lead new trends and expand our activities to improve infrastructure reliability and construction productivity, to strengthen mobility in emergencies, and to contribute to the carbon neutrality world.

Dang Dang Tung

Former Director (2016-2018)

Director, Ho Chi Minh City University of Technology (HCMUT)

Individual Member

I am pleased to offer my warmest congratulations to the IPA to celebrate its 15th anniversary. The 15th anniversary is a time for reflecting on the past and looking ahead to the future. Over the past 15 years, the IPA has established a worldwide network sharing an academic interest in the Press-in Method. Based on the spirit of Honor President, Mr. Kitamura and the solid foundation of the GIKEN LTD., the IPA has developed into a new framework, which gets rid of experienced bases, by researching the behavior of structures based on ground feature. The IPA has also established very strong platforms for cross-sectoral collaboration to assist different needy groups in the community in research and apply Press-in Method practically. Being our close working partner, the IPA has, in collaboration with Ho Chi Minh City University of Technology in co-holding the 5th IPA International Workshop in Ho Chi Minh City in 2014 and the Seminar of Expansion of Applicability and Assessment of Seismic Performance of PFS Method in 2017 is known as one of activities of Technical Committee 3. It has contributed immensely to the social contributions academic and human resource developments regarding the Press-in Method.

I have jointed IPA since 2014 with many different roles such as: Workshop organizer, director, grantee as well as presenter in The First International Conference on Press-in Engineering (ICPE) was held at Kochi University of Technology in Kami city, Kochi Prefecture, Japan on 19th and 20th September, 2018. I am happy and proud of these roles. I keenly look forward to witnessing the continuous achievements of the IPA along its mission of social commitment and its vision to become a world leader in education and research in Press-in Engineering. I would also like to convey my warmest wish for every success of the IPA' celebration of its milestone of the 15th anniversary.

S M Shafi

Ph.D. student, Tokyo Institute of Technology

Student Member

Congratulations on IPA's 15th anniversary! I am S M Shafi from Bangladesh. Currently enrolled as a Ph.D. student at Tokyo Institute of Technology. My research theme emphasizes studying the dynamic behavior of Cantilever Type Steel Tubular pile wall driven in the soft rock by physical modeling. Since 2020 I have become a student member of IPA, and its Technical Committee 1 (TC1). Thanks to the different activities of the TC1, I learned more about the practical application of steel tubular piles and the different challenges encountered in the actual construction site. Also, the continuous guidance and support from the TC1 help me to deepen my understanding of my own research. Moreover, in 2021 part of my research was presented in the 2nd International conference organized by IPA held online due to pandemic. This conference created a platform where I could share my research and ideas with others and vice versa.

As one of the economically hot-spot countries, the Bangladesh government has undertaken several mega projects to boost the economy with the help of different agencies, along with the Japan International Cooperation Agency (JICA) and the Asian Development Bank (ADB). Different development projects are running at sectors like airports, harbors, railways, and highways. Steel tubular pile could be used as an earth retaining structure to construct a new road in the hill tract region of Chittagong. Also, to retrofit the existing bridge structure or to construct a new bridge steel tubular pile could be used. Although the use of steel tubular piles seems expensive, however, the advantages like limited time, space, and labor taken by the press in method may overcome the cost based on my country's future scenario. With the accumulated knowledge from my research and IPA experts, I believe I will be able to contribute to the development of my country.

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As of January 2022
Alphabetical order