

## Event Report

# Seminar for the Public on Geotechnical Engineering

On July 4th, 2023, the "Seminar on Geotechnical Engineering - From the Laboratory to the Field -" was held in Kochi City. Approximately 60 people participated, including policy makers, researchers, engineers, contractors, and students. It was held locally, and five IPA directors, and each director introduced the contents of research in their specialized fields and the latest topics. The program was as follows.

|                |   |                           |   |
|----------------|---|---------------------------|---|
| Presentation 1 | Development of Rapid Loading Test of Piles  | Prof. Tatsunori Matsumoto | Vice President, IPA<br>Emeritus Professor, Kanazawa University      |
| Presentation 2 | Pixel-free image analysis technology and model experiments  | Dr. Katsutoshi Ueno       | Director, IPA<br>Associate Professor, Tokushima University          |
| Presentation 3 | Scouring damage of river bridge foundations and its restoration technology  | Prof. Hidetoshi Nishioka  | Director, IPA<br>Professor, Chuo University                         |
| Presentation 4 | Topics related to piles used in harbors and oceans  | Prof. Yoshiaki Kikuchi    | Director, IPA<br>Professor, Tokyo University of Science             |
| Presentation 5 | Deformation and failure behavior simulation of foundations and retaining wall structures using centrifugal models | Dr. Jiro Takemura         | Director, IPA<br>Associate Professor, Tokyo Institute of Technology |

After each lecture, questions were accepted, and there were scenes where researchers asked questions to each other. Furthermore, several directors commented that new challenges from both research and practical perspectives could lead to societal innovation and change. During the break time, lively discussions were also observed, and the event ended successfully.

The video recordings of the lectures of this seminar (in Japanese) are now available on the IPA members' website. If you wish to watch them, please visit the following URL.

IPA members' site: <https://member.press-in.org/en/login>

To watch the videos, membership registration with the International Press-in Association is required. You can proceed with the registration process by visiting the following URL.

URL: <https://www.press-in.org/en/page/join>



Finally, we are firmly convinced that this series of events has marked a significant step forward for the International Press-in Association (IPA) in its pursuit of "integrating theory and practice" to visualize the invisible underground and create and provide the true value that society truly needs.