

Opening Session

Introductions and Keynote Speeches

- 10:00 – 10:15** **Introduction to Ho Chi Minh City University of Technology**
Prof. Bui Trong Vinh (Geology and Petroleum Engineering, Ho Chi Minh City University of Technology)
- 10:15 – 10:30** **Introduction of International Program of Maritime and Urban Engineering, Osaka University**
Prof. Kazuhiro Iijima (Naval Architecture and Ocean Engineering, Osaka University)
- 10:30 – 10:50** **Coastal Hazards and Human Intervention in the Central Coastline of Vietnam**
Prof. Vo Le Phu (Environment and Natural Resources, Ho Chi Minh City University of Technology)
- 10:50 – 11:10** **Floating Offshore Wind Turbine Developments in Japan**
Prof. Kazuhiro Iijima (Naval Architecture and Ocean Engineering, Osaka University)

Presentation Session

25 min per Speaker (15 – 20 min Presentation and 5 – 10 min Q&A)

- 11:10 – 11:35** **Dynamics of Suspended Particulate Matter in Flocculation Favorable Environment**
Huynh Trung Tin (Integrated Safety and Environment Solutions Co. Ltd.)
- 11:35 – 12:00** **Efficiency of Introduction Process of Initial Imperfection for Compressive Behavior Analysis of Welded L-shaped Steel Structural Members by Using Shell Elements**
Cheng Yuxuan (Civil Engineering, Osaka University)
- 12:00 – 13:00** **Lunch Break** (1 hr)
- 13:00 – 13:25** **Generation Provenances of Lower Miocene Petroleum Clastic Formation in Cuu Long Basin**
Nguyen Tuan (Geology and Petroleum Engineering, Ho Chi Minh City University of Technology)
- 13:25 – 13:50** **Efficient Technique for Evaluation of Elastic-plastic Fracture Mechanics Parameters of 3D Cracks Based on Equivalent Distributed Stress Concept**
Zwe Letyar Htut (Naval Architecture and Ocean Engineering, Osaka University)
- 13:50 – 14:15** **Proposing Solution to Prevent Basalt Landslides Using Drainage Wells**
Khau Thi Ly (BK Tech)
- 14:15 – 14:40** **Leaching Behavior of Geogenic Arsenic from Marine Sediments in Chemical and Biochemical Batch Leaching Tests**
Zhang Yiming (Civil Engineering, Osaka University)
- 14:40 – 14:55** **Coffee Break** (15 min)
- 14:55 – 15:20** **Application of Artificial Intelligence to Cluster Soil Behaviour from CPTu Data**
Phu Nhat Truyen (Geology and Petroleum Engineering, Ho Chi Minh City University of Technology)
- 15:20 – 15:45** **Control of Wave Energy Converter**
Kaiser Md Shahidullah (Naval Architecture and Ocean Engineering, Osaka University)
- 15:45 – 16:10** **Eggshell-derived Nano-Apatite Composite for Enhanced Arsenic Removal in Water Treatment**
Huynh Minh Tri (Geology and Petroleum Engineering, Ho Chi Minh City University of Technology)
- 16:10 – 16:35** **Hydroelastic Behavior and Response of Very Large Floating Structure under Wave Propagation**
Ananda Raiz Pambela (Naval Architecture and Ocean Engineering, Osaka University)

Closing Session

Closing Speeches and Group Photo

- 16:35 – 16:45** **Closing Remarks**
Dr. Nam Nguyen Hai Le (Geology and Petroleum Engineering, Ho Chi Minh City University of Technology)
Prof. Kazuhiro Iijima (Naval Architecture and Ocean Engineering, Osaka University)
- 16:45 – 16:50** **Group Photo**