

Program of
#2 US-Japan Joint Workshop on Ship Hydrodynamics in Hiroshima-U.

Date: May 9th, 2024

Place: VESP-meeting room, HU

13:00 Opening remarks, (H. Yasukawa, HU)

13:00 Shallow water effects on turning performance of a KCS using free-running model tests (H. Yasukawa (HU), R. Okuda (NMRI))

13:30 Model tests in regular waves of multi-connected pusher barge system (Z. Wang, M. Sano (HU))

14:00 CFD Research in Furuno (MD Alfaz Hossain, K. Kimura (Furuno))

14:30 Computation and measurement of flow field around the stern of KCS with various rudders in waves (Y. Toda (Imabari Shipbuilding))

15:00-15:30 break

15:30 Effect of Wave Properties on Turning Circles in Regular Waves (F. Stern, (IIHR, U. Iowa))

16:00 Data-Driven, Physics-Based, and Equation-Free Multi-Fidelity ROMs for Transient Maneuvers in Calm Water and Waves (M. Diez (CNR, INM, Italy))

16:30 Numerical Study of Amphibious Aircraft Float on Air-Water Mixing Flow with Splashing Using Particle Based Method (A. D. E. Anggriani, H. Mutsuda, T. Nakashima (HU))

17:00 Experimental and Numerical Analysis of the Flow Around a Leatherback Turtle Shell Model, (O. Santos, T. Nakashima, H. Mutsuda (HU))

17:30 Closing remarks, (H. Yasukawa, HU)

19:00 Dinner party at Japanese restaurant near Saijo Station