Laboratory Study on Wave Breaking and Wave Impact on Structures by Using Advanced Measurement Techniques

Dr. In Mei Sou
Location: Holmes Hall 244 Time: February 13, 2009 Friday 2:00 – 3:00 pm

About the speaker: Dr. Sou received her Ph.D. in environmental fluid mechanics from Cornell University in 2006. Then she worked as a postdoctoral researcher at the Oregon State University on NSF-funded projects on tsunamis for two years. She is currently a visiting scholar in the civil engineering department at UH.

ABSTRACT: This seminar will discuss some fluid flow measurement techniques and their applications in water wave measurements. The focus will be on the applications of image-based measurement techniques in breaking wave and tsunami studies in the laboratory such as particle image velocimetry and laser-induced fluorescence.