**專 題 演 講**

講 者： 許為元 教授 (海洋大學資訊工程學系)

題目： BigData on the Sea – The other 70% of Earth

簡歷:

William is currently an assistant professor in the Department of Computer Science and Engineering, National Taiwan Ocean University. He has received his Ph.D. from the National Taiwan University and conducted his postdoctoral research at the Northwestern University, USA, and Academia Sinica, Taiwan. He is currently the director of the Advanced Computation Laboratory, leading a research team in big data computation and physical cloud computation infrastructure construction, the coach of the competitive programming team of his institute, and a member of the special interest group (SIG) of the Agriculture 4.0 project.

William is interested in cloud system implementation, big data analysis, embedded hardware and software design, and financial engineering. He developed the Financial Cloud infrastructure, a modular approach which various service providers and users can utilize. His current research lies in developing systems and algorithms for far seas, overseas, deep seas, and offshore fishery, including stock assessments, resource management and estimation, cloud infrastructure for monitoring, and oceanic big data processing.