



羊科學與工程廣東省實驗室 (廣州)杳港分部 HONG KONG BRANCH OF THE SOUTHERN MARINE SCIENCE AND ENGINEERING GUANGDONG LABORATORY (GUANGZHOU)

## **Hong Kong Branch Visiting Scholar Seminar**

Study on the Ballast Water Management **System Selection and Bio-availability** 



## **Prof. Huixian WU**

HKB Visiting Scholar in Prof. Qian's lab Shanghai Ocean University

**Abstract:** The International Convention for the Control and Management of Ships Ballast Water and Sediments limits the ballast water biological discharges according to the Ballast Water Performance Standards (the D-2 standards). In order to reduce the ecological risks associated with ballast water discharges and to enable ballast water to meet the D-2 standards at the time of discharge, the ISBW Convention requires that internationally operated ships be fitted with a type-approved Ballast Water Management System (BWMS). Study on the selection of ballast water management system for ships and on the bio-availability of BWMS based on the requirements of the D-2 standards under the conditions of different ship types, different processes, and different routes were conducted to enhance the effectiveness of ballast water management for ships.



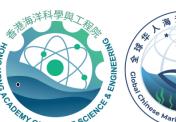
27 March 2024 (Wednesday) 14:30 - 15:30 (GMT +8, HKT)

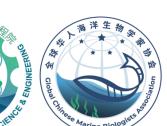
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