

EI Seminar

An Overview of University of Strathclyde and the Recent Developments in Naval Architecture and Ocean Engineering

Dr. Shen Li

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Date 16 February 2023 (Thursday)
Time 4:30 – 5:30 pm
Venue Room 1511 (near LT-H), HKUST

Abstract

Founded in 1796, University of Strathclyde (Glasgow) has now become one of the leading technological universities globally. With a mission to be a place for useful learning, Strathclyde is endeavour to research, teach and be of benefit to society by reaching outside the University to make the world better-educated, sustainable, prosperous, healthy, fair and secure. In this presentation, an overview of the University of Strathclyde will be provided to introduce its teaching programs and research activities with a view to stimulating potential collaboration in the future. A particular emphasis will be given to the recent research and developments in naval architecture and ocean engineering, in which Strathclyde and the NAOME department have been the world leader since 1881. Key research and knowledge exchange projects in areas of ocean energy (e.g., very large floating structures for offshore renewable) and maritime transport (e.g., health monitoring & digital twin for ship hull structures) will be shared, and an outlook to the future developments will be discussed.

About the Speaker

Dr. Shen Li is a research fellow at the Department of Naval Architecture, Ocean and Marine Engineering (NAOME), University of Strathclyde (Glasgow, UK). He holds a PhD in Marine Technology with specialism in the design and analysis of ships and offshore structures. He is working as a principal researcher in several research and knowledge exchange projects related to ocean energy and maritime transport, e.g., support foundation structures for floating offshore wind turbines and ship hull structures. He is the UK member in the Offshore Renewable Energy Committee of International Ships and Offshore Structures Congress (ISSC).

All are Welcome