Siow Chee Loon
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Ph.D Candidate
Fresh graduated from Ph.D (Mechanical Engineering)

Industry Preference: Education
Location Preference: Malaysia

Profile Summary

- Graduated bachelor degree in mechanical engineering and diploma in mechanical engineering with excellent academic result.
- Experience in handling administrative work entailing event management skills such as organizing conference, editing journal, and research collaboration
- Experience & skillful in developing numerical programming software such as hydrodynamic software, computational fluid dynamic, Ship Automatic Identification system and Experiment data procession software.
- Avid in writing and reviewing journal paper, Conference Proceeding Publications as well as presenting in conferences
- Can work independently and work in team

Organisational Experience

Conference Organizing Committee:
- Conference on Ocean, Mechanical and Aerospace for Scientists and Engineers 2014 (OMAse2014)
- International Conference on Marine Safety & Environment (IMSE 2013)
- 6th Asia-Pacific Workshop on Marine Hydrodynamics (APHydro 2012)

Journal Editing Member:
- Jurnal Teknologi Vol 74, No 5: Special Issue on Ship and Offshore Engineering
- Jurnal Teknologi Vol 69, No 7: Special Issue on Marine Technology: Safety and Environment
- Jurnal Teknologi Vol 66, No 2: Special Edition on Marine Technology

International Research Collaboration:
- Experiment study on the Motion Response of New Generation Round Shape FLNG: Collaboration between institute from Malaysia, Japan, Indonesia

Numerical Programming Development Experiences

- Offshore structure motion analysis by Diffraction Potential Theory
- Motion experiment data process (Transferring coordinate system and data domain transformation)
- Computational Fluid Dynamic
- Ship Automatic Identification System (AIS) for ship's safety navigation
- Natural gas supply chain system
- Heavy crane and crane lifting effect on floating structure motion

Academic Details

Doctor of Philosophy (Mechanical Engineering), Universiti Teknologi Malaysia, Johor, 2016
  Thesis: Numerical Modelling for Hydrodynamic Behavior of Round Shape FLNG Interacting with LNG Carrier
Bachelor of Engineering (Mechanical – Marine Technology), Universiti Teknologi Malaysia, Johor, 2012
  CGPA: 3.91
Diploma in Mechanical Engineering, Universiti Teknologi Malaysia, Kuala Lumpur, 2009
  CGPA: 3.91

Interesting Subject

Static	Programming	Fluid Mechanic
Dynamic	Numerical Method	Hydrodynamic
Mechanic of Vibration	Solid Mechanic	Thermodynamic