

OUR MANAGEMENT TEAM AND RESEARCHERS

The Management Team and Principle Researchers

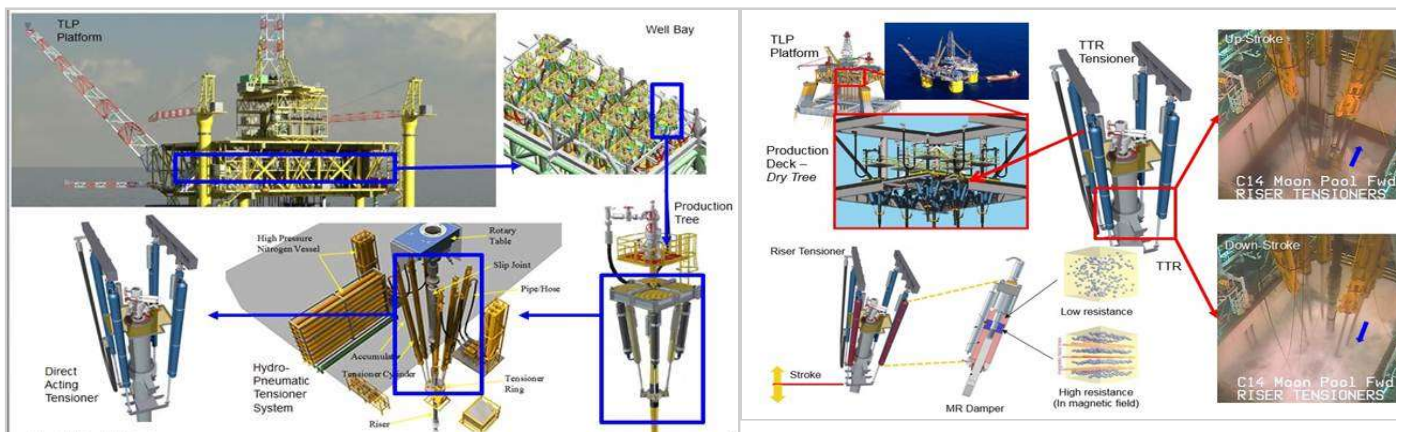
Dr. Kang Hooi Siang

Director of Marine Technology Centre



Research Area

- Deepwater riser engineering
- Computational hull-riser-mooring lines coupled dynamics
- SMART magneto-rheological technology in offshore systems



Prof. Dr. Omar Yaakob

Principal Researchers of MTC



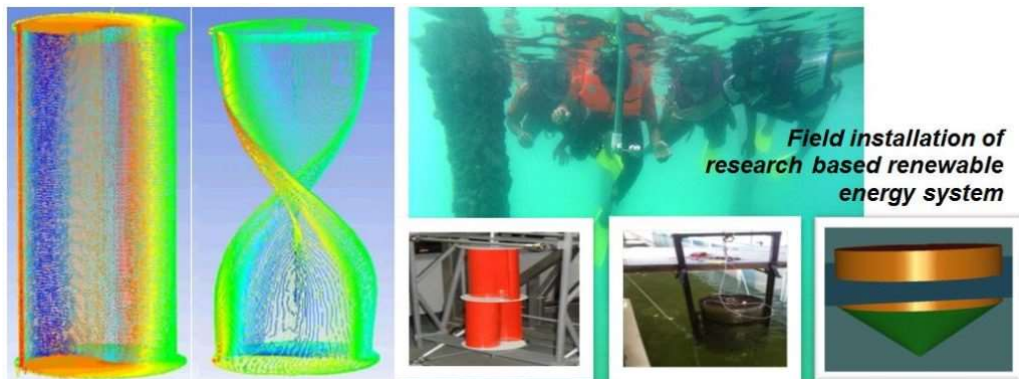
Research Area

Renewable Energy

Vertical axis marine current turbine
Wave energy convertor

Mitigating the Effects of Marine Activities of the Environment

Marine pollution
Air pollution from ships
Invasion of alien species through ballast water
Noise pollution
Bank erosion due to ship waves



Prof. Ir. Dr. Ab Saman Abdul Kadir, P.Eng

Principal Researchers of MTC



Research Area

- Port and shipping technology
- Inland waterways transport system
- Maritime law
- Maritime safety and environment



Prof. Dr. Adi Maimun Abdul Malik

Principal Researchers of MTC



Research Area

- Riser VIV reduction
- Ship-Bank interaction effects
- Resistance, propulsion, seakeeping, maneuvering
- Vortex induced vibration (VIV) & motion (VIM)
- Offshore mooring system
- Special craft performance
- Collision risk assessment using AIS data
- Wave buoy for wave height measurement



Associate Researchers



Mr. Nasrudin Ismail, MSc.

Expertise: Marine Engineering



Associate Prof. Dr. Mohd. Zamani Ahmad

Expertise: Nautical & Maritime Studies



Mr. Yahya Samian, MSc.

Expertise: Naval Architecture & Ship Production



Dr. Nik Mohd Ridzuan Shaharuddin

Expertise: Vortex Induced Vibration, Active Control



Dr. Farah Ellyza binti Hashim

Expertise: Renewable Energy



Dr. Arifah binti Ali

Expertise: Computation Fluid Dynamic, Ship Resistance and Propulsion



Dr. Siow Chee Loon

Expertise: Marine IoT and Database

Research Officer



Mr. Mohammad Nabil Bin Jainal

Technical Staff

Mr. Mohd Nazmi bin Ismail
Mr. Mohamed Azlan bin Arip
Mr. Mohd Razef bin Tarimin
Mr. Ismail bin Abdul Shukor
Mr. Mohd Haidi bin Samsuri
Mr. Mohd Zul Azali bin Zulkepli
Mr. Mohd Edzkandar bin Kamaruzman

Administration Staff

Ms. Nur Sabrina Mohd Zin
Mr. Zakaria Hasan

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