



Level 5 Module, Taught over Semesters 1 & 2

Instructor: Dr. Masoud Hayatdavoodi

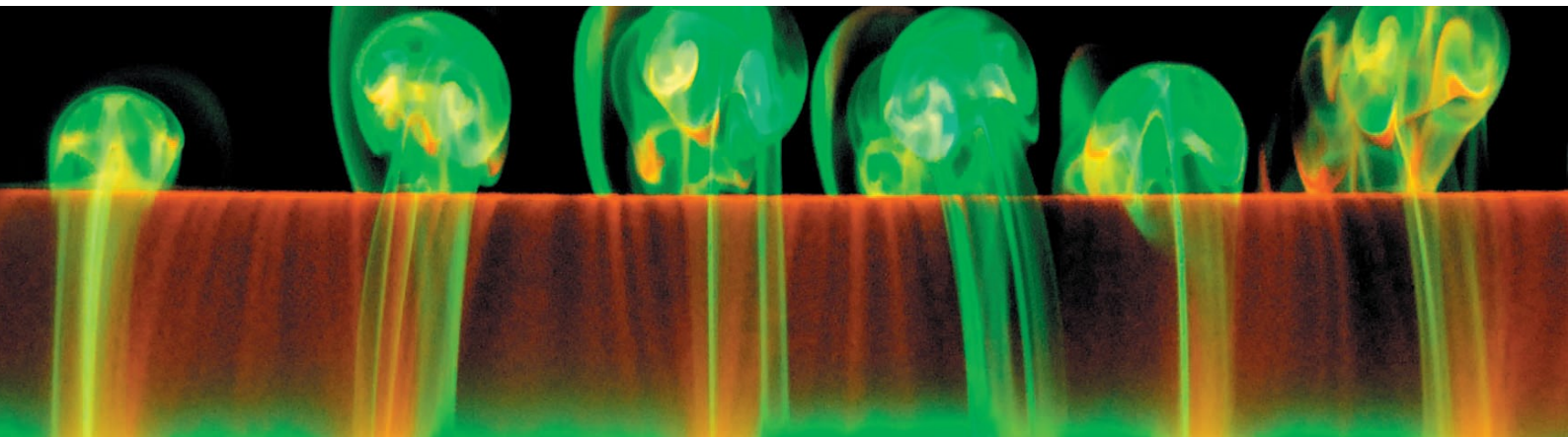
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The Module Covers:

- Principles of marine hydrodynamics
- Wave interaction with fixed and floating structures
- Application of engineering principles to design and analysis of ocean structures

Topics Include:

- The motion of viscous and ideal fluids
- Water wave mechanics
- Wave diffraction and wave loads
- Hydrodynamics of floating bodies
- Hydroelasticity



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Module Schedule and Information:

<https://sites.dundee.ac.uk/masoud/teaching/>