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Summer School - Monday 10 September - Modelling Concept to Reality

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Modelling Concept to Reality

Dr Carlos Perez-Collazo
10th Sep 2018
What is Physical Modelling?

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Why Physical Modelling?

- Qualitative and quantitative assessment of designs response to waves, currents and wind
- Systematic variation of wave, current and wind conditions
- Investigation of different design options
- Easier and cheaper instrumentation then at full scale
- Calibration / Validation of numerical models
- Demonstration of performance to investors
- Significant cost savings by learning about problems before going to full-scale
COAST Laboratory

Joint PRIMaRE and UK&CHN | CORE Summer School
10-14th of September 2018

Hydrodynamic Modelling and Well-being in Engineering
University of Plymouth (COAST Lab) and University of Exeter (Penryn Campus)
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Launch and Recovery
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