2018-09-10

Summer School - Monday 10
September - Modelling Concept to Reality

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http://hdl.handle.net/10026.1/12649

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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
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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10-14\textsuperscript{th} of September 2018

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

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