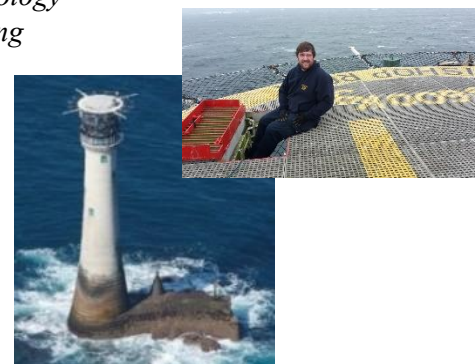
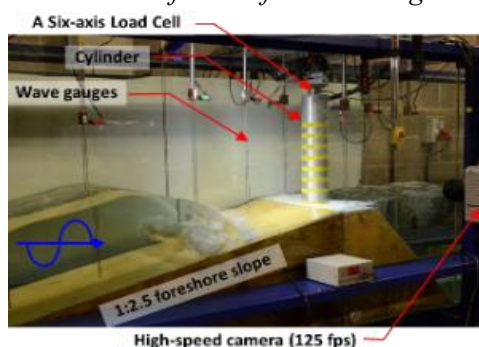


Laboratory and field wave loading measurements: approach and survivability assessment of offshore rock lighthouses

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Historic rock-mounted lighthouses play a vital role in the safe navigation around perilous reefs. However their longevity is threatened by the battering of waves. Virtual navigation aids such as GPS are fallible, and reliance on them can be disastrous. Mariners will therefore continue to need the physical visual aids of these strategic structures.

A description of the methods aimed to assess the survivability of offshore rock lighthouses will be described during the seminar. Attention will be paid to the extreme analysis of **wave loads** and to the **structural modeling**. The case studies of **WolfRock** and **Fastnet** lighthouses will be described.

Venerdì 26.06.2020 - Ore 10:00-12:30

Aula virtuale MS Teams: br2yu06