



3SR Seminars

14/06/2024 at 10:30 a.m.

Maria Cascão Ferreira de Almeida

Galilée room 015

Offshore geotechnical solutions: from centrifuge modeling to applications for wind farms foundations

- The lecture focuses on the use of advanced physical modeling to enhance the understanding of offshore structure behavior. The example chosen is the monopile foundations for wind farms. The results of monotonic loading tests are presented and measured p-y curves are compared with API recommendations. In addition, the results of 100.000 cyclic loading tests are shown, with emphasis on the variation of stiffness and natural frequency with the number of cycles.





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