

International Symposium on Structural Integrity of Renewable Energy and Oceanic Structures

1. Symposium title

International Symposium on Structural Integrity of Renewable Energy and Oceanic Structures

2. Organizers, including affiliations

Carlos Rebelo (University of Coimbra, Portugal)

José António Correia (INEGI/FEUP, University of Porto, Portugal)

José Miguel Castro (Faculty of Engineering, University of Porto, Portugal)

María Nogal (Trinity College Dublin, University of Dublin, Ireland)

Miguel Correia (Force Technology, Norway)

Sudath Siriwardane (University of Stavanger, Norway)

Tiago Ferradosa (Faculty of Engineering, University of Porto, Portugal)

3. Corresponding organizer and contacts (e.g. e-mail, phone)

José António Correia

INEGI/Faculty of Engineering

University of Porto

Email: jacorreia@inegi.up.pt or sirel@fe.up.pt

4. Short description of the symposium including the scope and target public

The International Symposium on Structural Integrity of Renewable Energy and Oceanic Structures (REOS 2018) is organised by the Faculty of Engineering of the University of Porto (FEUP), which will take place in the beautiful city of Porto, Portugal, on 05-07 September 2018. This Symposium is intended to be a forum of discussion of the recent advances in the domain of the structural integrity, inspection, monitoring, repair, maintenance, fatigue, fracture mechanics, structural design, stability, safety, reliability, offshore materials technologies, computational fluid dynamics, ocean renewable energy and environment. Contributions are expected from engineers, scientists, consultants among others, in the field of ocean, offshore, polar, arctic, naval, marine renewable energy, subsea, marine environmental engineering, coastal and aquaculture engineering as well as for other specialists interested in these fields.

The goal of the International Symposium on Structural Integrity of Renewable Energy and Oceanic Structures (REOS 2018) is to provide a platform to present the last research advances on:

- Design and Construction
- Structural Integrity
- Structural Safety and Reliability
- Inspection, Monitoring, Repair and Maintenance
- Fatigue and Fracture Mechanics
- Materials Technologies
- Structural Dynamic and Computational Fluid Dynamics
- Ocean Renewable Energy and Environment
- Marine Systems and Ocean Technologies

The selected papers of the REOS 2018 will be published in the Journal Proceedings of the Institution of Civil Engineers - Maritime Engineering (ICE Publishing).

Please submit your work by email to [**jacorreia@inegi.up.pt**](mailto:jacorreia@inegi.up.pt) or [**sirel@fe.up.pt**](mailto:sirel@fe.up.pt) with subject **REOS 2018** (or **H-SIOS-ICMFM**).

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