



**CALL FOR PAPERS - SPECIAL SESSION**  
**“Control Of Ocean Wave Energy Converters”**  
for **CoDiT’22**  
**May 17-20, 2022 ▪ Istanbul, Turkey**

**Session Co-Chairs:**

Prof. Ossama Abdelkhalik, Iowa State University, USA (email : [ossama@iastate.edu](mailto:ossama@iastate.edu))

**Session description**

This special session deals with the problem of control in wave energy conversion systems. The control problem is characterized by several challenges. One challenge is the non-causality of the model. Another challenge is the limitation of linear models being used in most control design methods of wave energy converters. The power take-off unit complexity and cost is another challenge that limits the control in this problem. When considering arrays of wave energy converters, cooperative control and design optimization of the arrays may add more parameters that can be leveraged to alleviate some of the above challenges.

The goal of this session is to discuss these challenges and present new developments in this field.

The topics of interest include, but are not limited to:

- Control of wave energy converters
- Modelling of solo and arrays of wave energy converters
- Experimental testing of wave energy converters

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**SUBMISSION**

Papers must be submitted electronically for peer review through PaperCept by **January 07, 2022** : <http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2022 link** “Submit a Contribution to CoDiT 2022” and follow the steps.

**IMPORTANT:** All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

**DEADLINES**

**January 07, 2022:** deadline for paper submission

**March 4, 2022:** notification of acceptance/reject

**March 30, 2022:** deadline for final paper and registration