

## Christina Koukoura - DTU Orbit (06/08/2016)

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### Publications:

#### **Cross-wind fatigue analysis of a full scale offshore wind turbine in the case of wind-wave misalignment.**

Koukoura, C., Brown, C., Natarajan, A. & Vesth, A. 2016 In : Engineering Structures. 120, p. 147-157  
Publication: Research - peer-review › Journal article – Annual report year: 2016

#### **Identification of support structure damping of a full scale offshore wind turbine in normal operation**

Koukoura, C., Natarajan, A. & Vesth, A. 2015 In : Renewable Energy. 81, p. 882-895  
Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Mitigating the Long term Operating Extreme Load through Active Control**

Koukoura, C. & Natarajan, A. 2014 In : Journal of Physics: Conference Series (Online). 555, 9 p., 012076  
Publication: Research - peer-review › Conference article – Annual report year: 2015

#### **Validated Loads Prediction Models for Offshore Wind Turbines for Enhanced Component Reliability**

Koukoura, C., Natarajan, A. & Branner, K. 2014 Kgs. Lyngby: Technical University of Denmark. 198 p.  
Publication: Research › Ph.D. thesis – Annual report year: 2015

#### **Offshore Wind Turbine Foundation Model Validation with Wind Farm Measurements and Uncertainty Quantification**

Koukoura, C., Natarajan, A., Krogh, T. & Kristensen, O. J. 2013 In : International Offshore and Polar Engineering Conference. Proceedings. p. 119-125  
Publication: Research - peer-review › Conference article – Annual report year: 2013

### Projects:

#### **Validated loads prediction models for offshore wind turbines for enhanced component reliability**

Koukoura, C., Natarajan, A., Branner, K., Hansen, K. S., Bossanyi, E. A. & Ibsen, L. B.  
15/09/2011 → 19/12/2014  
Project: PhD