



EPSRC & NERC Industrial CDT  
for Offshore Renewable Energy [www.idcore.ac.uk](http://www.idcore.ac.uk)

# IDCORE Virtual Symposium 2020

Showcasing cutting-edge research in  
Offshore Renewable Energy

**Part 1: Tuesday 26th May 2-3.30pm**

Speakers

Daniel Milano, Andrea Caio, Mairi Dorward & James Ferguson

Remote access via Collaborate - <https://bit.ly/2T7XhHo>

**Part 2: Tuesday 2nd June 2-3.30pm**

Speakers

Diana Jeleňová, Mohammad Yousef, Elize Petrovska & Branoc Richards

Remote access via Collaborate - <https://bit.ly/2Ww55Vk>



UNIVERSITY OF  
**EXETER**

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**Strathclyde**

# Research Topics

Numerical prototyping of floating offshore wind turbines  
**Daniel Milano, EDF**

Tackling the wave energy paradox: off-grid markets & novel development methods  
**Andrea Caio, Mocean Energy Ltd.**

Measuring complex marine currents: A novel sensor for the tidal energy sector  
**Mairi Dorward, RealTide**

Supplying hydrogen for Orkney's ferries  
**James Ferguson, EMEC Ltd.**

Towards a hydrogen economy in Scotland through Offshore Renewable Energy  
**Diana Jelenova, Wood Clean Energy**

Tidal energy assessment of the Churchill Barriers, Orkney Islands, Scotland  
**Mohammad Yousef, CMS Ltd.**

Structural monitoring for fatigue life predictions of offshore wind farms  
**Elize Petrovska, EDF**

Coupled CFD modelling of a floating wind turbine support structure  
**Branoc Richards, HR Wallingford**