

## WORKSHOP ON OFFSHORE WIND AND WAVE ENERGY

12<sup>th</sup> October 2017

School of Engineering and School of Computer Science and Statistics  
Trinity College Dublin



### PARTICIPANTS PRESENTATIONS:

**1.30pm – Himanchu Nagpal:** *“Predictive Climate Control of Buildings”*

**1.45pm – Giacomo Politi:** *“Control Algorithm Development for WRAM in high seas and extreme weather conditions”*

**2.00pm – Chris Signorelli:** *“Optimal Real-Time Predictive Control for Maximising the Power-Take-Off Efficiency of the WaveRAM Wave Energy Converter”*

**2.15pm – Hoa Xuan Nguyen:** *“Application of SPH for non-linear wave analysis”*

**2.30pm – COFFEE BREAK**

**2.45pm – Saptarshi Sarkar:** *“Coupled dynamic modeling of offshore wind turbines on monopiles”*

**3.00pm – Pilar Heras:** *“Hydrodynamic and Control of Floating Power Plant”*

**3.15pm – Tao Sun:** *“Stochastic control of wave energy converters for optimal power absorption with constrained control force”*

For more information please contact PIs from the Offshore Research Group:

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