

## Available projects with allocated PhD studentships

- [Fluid mechanics in bio-inspired flight/swimming and renewable energy systems \(Dr Juan Li, Dr David Moxey\)](#)
- [Developing high-fidelity fluid dynamics simulations for sustainable aviation \(Dr David Moxey\)](#)
- [Consumer energy decarbonisation and energy poverty mitigation \(Associate Prof Wei He\)](#)
- [A superconducting brushless exciter for high-power density electrical machines \(Dr Mark Ainslie\)](#)
- [Digital Music Therapeutics for Precision Cardiovascular Medicine \(Prof Elaine Chew\)](#)
- [Engineering Networked Machine Learning via Meta-Free Energy Minimisation \(Prof Osvaldo Simeone\)](#)
- [Sustainable artwork preservation: understanding and controlling environmentally induced changes to paintings \(Prof Barbara Shollock\)](#)

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