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Research University	Queens University Belfast
Academic Supervisor(s)	Prof Mark Price & Dr Theresa Robinson
Title	Modelling of Fluid Structure Interaction in Integrated Aircraft Engine Nacelle
Abstract	<p>The project will look at methodologies for integration and optimisation of flow control on a Engine Nacelle. The approach will involve MDO and trade studies, risk analysis, validation and recycling. The focus is to develop a better understanding of these components and interfaces in a nacelle system. Customer requirements would be any one or a combination of the following; performance (aerodynamic drag within a mission context), weight, safety, cost and environmental pollution.</p>