

# 2009 Departmental Seminar

14 January 2010

3 pm

Mechanical Engineering Seminar Room – E547

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## **Synthetic Jets for Flow Control**

**Dr. John E. Cater**, The University of Auckland

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**Abstract:**

Synthetic jets (zero-net-mass-flux jets) are usually small-scale flow actuation devices that have a wide range of potential applications for flow control and mixing. Interest in the flow produced by synthetic jet generators has been a very active area of study around the world for the last decade. This talk will give an overview of the experimental measurements of synthetic jet flow fields and discuss some of the progress and pitfalls that have occurred in their use to date.