EXPERIMENTAL TURBULENCE

Post-Doctoral Position

Queen's University at Kingston
&
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Ontario, CANADA

Professor Andrew Pollard
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Professor Philippe Lavoie
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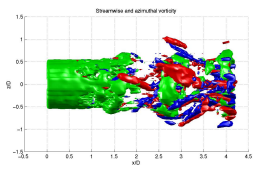
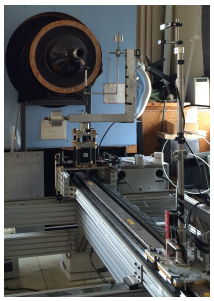
The Experimental and Computational Fluid Mechanics Laboratory in the Department of Mechanical and Materials Engineering at Queen's University and the Flow Control and Experimental Turbulence laboratory is seeking talented and productive post doctoral fellow (PDF) in experimental turbulence who has extensive experience in hot-wire anemometry. The successful candidate will take a leadership role in use of flying hot wire facility at Queen's, to explore some fundamental questions on similarity and scale-by-scale energy budgets in a round free turbulent jet. This will include use of multi-probe hot wires, nano-wires etc., as well as interfacing with computational specialists who will be performing direct numerical simulations on similar configurations.

Please send expression of interest to either Profs. Pollard or Lavoie.

Prospective fellows will have completed or will be nearing the completion of their Ph.D. studies.





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Equilibrium similarity solution of the turbulent transport equation along the centreline of a round jet

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