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## PhD Scholarship in Experimental Fluid Mechanics, University of Sydney, Australia

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The Faculty of [Engineering](#) & IT of the [University of Sydney, Australia](#), invites applications for a PhD position beginning in August 2011. The purpose of the project is to explore the interactions of the atmospheric boundary layer in complex terrains (topography and surface heterogeneity) with wind turbines. The successful candidate will carry out experimental studies (using stereo-PIV, tomo-PIV and hot-wire anemometry) in the 25-m long Boundary Layer Wind Tunnel of the School of [Civil](#) Engineering. The successful applicant will join a team that aims to develop and validate turbulence models that will be used to predict and study the effects of complex atmospheric boundary layers on wind turbine wakes.

*Eligibility:*

Applicants should have a [Master](#) in Engineering or [Physics](#) (or equivalent) and experience in at least one of the following areas: Wind Tunnel Testing, PIV, Atmospheric Boundary Layer, or, Wind Turbine Aerodynamics.

*Amount awarded:*

The scholarship stipend is valued at \$25,000 per annum (tax exempt) for up to three years. A tuition fee scholarship of up to A\$ 30,000 per annum is also being offered if tuition fees are payable.

*Application guide:*

To be considered for this position, please send your CV and a short description of your interests, to Dr Steve Cochard ([steve.cochard@sydney.edu.au](mailto:steve.cochard@sydney.edu.au)).

Closing date: 30 March 2011

For more information please visit our website: <http://scholarshipsbank.com/phd-scholarship-in-experimental-fluid-mechanics-university-of-sydney-australia/>

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