

More Energy with Less Pollution

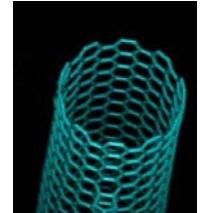
Supervisors: Dr Zeyad Alwahabi and A/Prof Bassam Dally

Nature of work: Design, Experiment, and Modelling

Area: Energy and Combustion

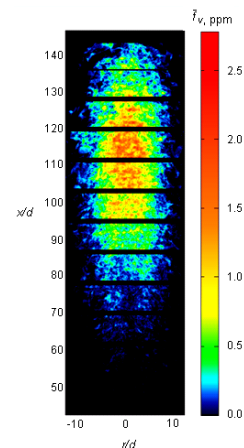
Funding: *Via* the various University scholarship schemes (see separate information for these).

Brief description: The Centre for Energy Technology, CET, at the University of Adelaide recognises that a key to realising a clean energy future is the development of technologies that make the transition cost-effective. Hence the Centre seeks to identify, develop and support the implementation of such technologies by undertaking innovative and outstanding research, technology development and consulting activities in partnership with industry, government and the community.



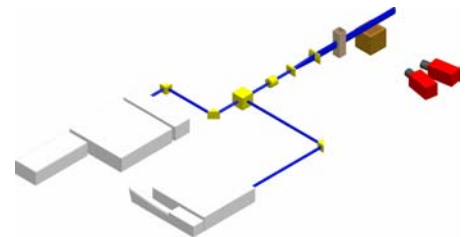
Members of the Centre are internationally recognised for their leading research into clean energy technologies and practices that reduce emissions, increase energy efficiency and decrease the cost of energy. With a wide range of facilities spanning laboratory to pilot-scale, our team of researchers are pledged to creating a culture of research excellence and delivering significant breakthroughs in the development of innovative technologies for a clean energy future.

CET is looking to attract two students in the field of mitigation and control of flame generated soot. The project has been well established with many publication is leading international journals. The research will be mainly experimental and will involve the use of laser diagnostics techniques for the state-of-the-art measurements of flame composition.



This exciting project will suit an enthusiastic student with inquisitive mind and urge for scientific discoveries. The student will join a dynamic leading group and will receive ample of support and guidance throughout the candidature. Students are also encouraged to attend conferences nationally and internationally and collaborate with our partners in different parts of the world.

Students with background in Mechanical Engineering, Chemical Engineering, Physics or Chemistry are encouraged to apply. Scholarship and conditions are available for a suitable candidate. Please contact us for an obligation free meeting and tour of the labs.



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