

# Next Generation Solar Hybrid Science and Technology

## PhD Scholarship

The Centre for Energy Technology is seeking highly motivated engineering graduates with an interest in cutting-edge research in clean energy to join an internationally leading research team. Several positions are available, spanning the development of novel technologies to integrate concentrated solar radiation, to those investigation the interactions between concentrated solar radiation and reacting flows. The successful applicant will receive training in world-leading techniques and their application in next-generation solar-hybrid technologies, which are expected to play a growing role in the future. The program is being undertaken in collaboration with the University of New South Wales and with Professor Heinz Pitsch, RWTH Aachen.



Applicants should hold, or expect to hold, a good Honours degree (level 2B or higher) in any of the fields of Mechanical Engineering, Chemical Engineering. A background in energy, turbulence and/or reacting flows, or in optical techniques is an advantage. The project will fund a supplementary scholarship of up to \$10,000 pa to holders of other scholarships at the University (IPRS, APA, University of Adelaide, etc).

The Centre for Energy Technology is internationally recognised for its leading scientific research supporting the development of clean energy technologies to reduce emissions, increase efficiency and decrease the cost of energy. Our team is pledged to creating a culture of research excellence and delivering significant breakthroughs in the development of innovative technologies for a clean energy future. The CET laser laboratory houses state-of-the-art solar simulator and diagnostic tools with world-leading and unique capability that will be employed in the project.

Key **CET** Researchers on this project are:

Professor Graham 'Gus' Nathan, Director CET.

Prof. Bassam Dally, Head of Mechanical Engineering.

Assoc. Prof. Peter Ashman, School of Chemical Engineering.

Dr. Paul Medwell, ARC DECRA Award.

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