



Australian Institute of Energy Melbourne Branch

2012 Postgraduate Student Energy Awards

At All-Energy Exhibition & Conference,
10th & 11th October 2012



The 2012 biennial Postgraduate Student Energy Awards of the AIE Melbourne Branch were again held in conjunction with the All-Energy Australia Conference and Exhibition on the 10th and 11th of October 2012 at the Melbourne Exhibition and Convention Centre. The Awards poster competition was coupled with our Young Energy Professionals organising one of five parallel All-Energy Conference streams on the second day and an AIE booth in the Exhibition, next to the Student Poster Display area.

The All-Energy 2012 Exhibition included 220 exhibitor booths and a spacious poster display area allocated for our Student Awards. With free registration, over 4,700 attended the All-Energy Conference and Exhibition, keeping our students extremely busy explaining their projects to the energy community.

The Awards this year attracted 30 student competitors, the largest field since Melbourne Branch started running these events in 1981. The students were divided into two groups of 15; (i) Renewable Energy and Energy Systems Projects and (ii) Fossil Fuel Projects including several on CCS (carbon capture and storage).

Judging took place on the first day of the All Energy Exhibition with a panel of 5 industry experts, coordinated by Professor Sandra Kentish. The judges commented on the high standard of the posters and student explanations of their projects as the students' skills in preparing and presenting posters continue to improve.

The prizes were presented the following morning in one of the YEPS conference sessions. The Awards were presented by representatives of the sponsors for each award. The four leading prize winners will also receive financial support provided by their sponsors to travel to Sydney for the AIE National Conference and National Student Awards to be held on 19th and 16th November 2010. They have also been awarded complimentary registrations to attend the National Conference.

		Topic		Prize	Sponsor
<u>Renewable Energy And Energy Systems Projects</u>					
1 st Prize	Braden Kidd	University of Melbourne	DC hybrid remote area power system	\$750	Dept of Primary Industries
2 nd Prize	Andre Stephan	University of Melbourne	A more holistic energy assessment of residential buildings	\$500	Clean Energy Council
<u>Fossil Fuel Projects</u>					
1 st Prize	Andri Halim	University of Melbourne	Nano-flowers to capture CO ₂	\$750	Brown Coal Innovation Australia
2 nd Prize	Sharmen Rajendran	Monash University	Chemical Looping Combustion of Brown Coal using Haematite	\$500	Clean Coal Victoria
<u>Encouragement Award</u>					
	Wirhan Prationo	Monash University	Oxy-fuel combustion of brown coal for low carbon emission	\$500	AIE & All-Energy

We particularly wish to acknowledge the support of our sponsors. The major sponsors who provided the First Prize Awards for each group were:

- *Department of Primary Industries*
- *Brown Coal Innovation Australia*

The Second Prize sponsors were:

- *Clean Energy Council*
- *Clean Coal Victoria,*

The Encouragement award was sponsored by *AIE* and *All-Energy* through their in-kind support.



Department of Primary Industries



Clean Energy Council



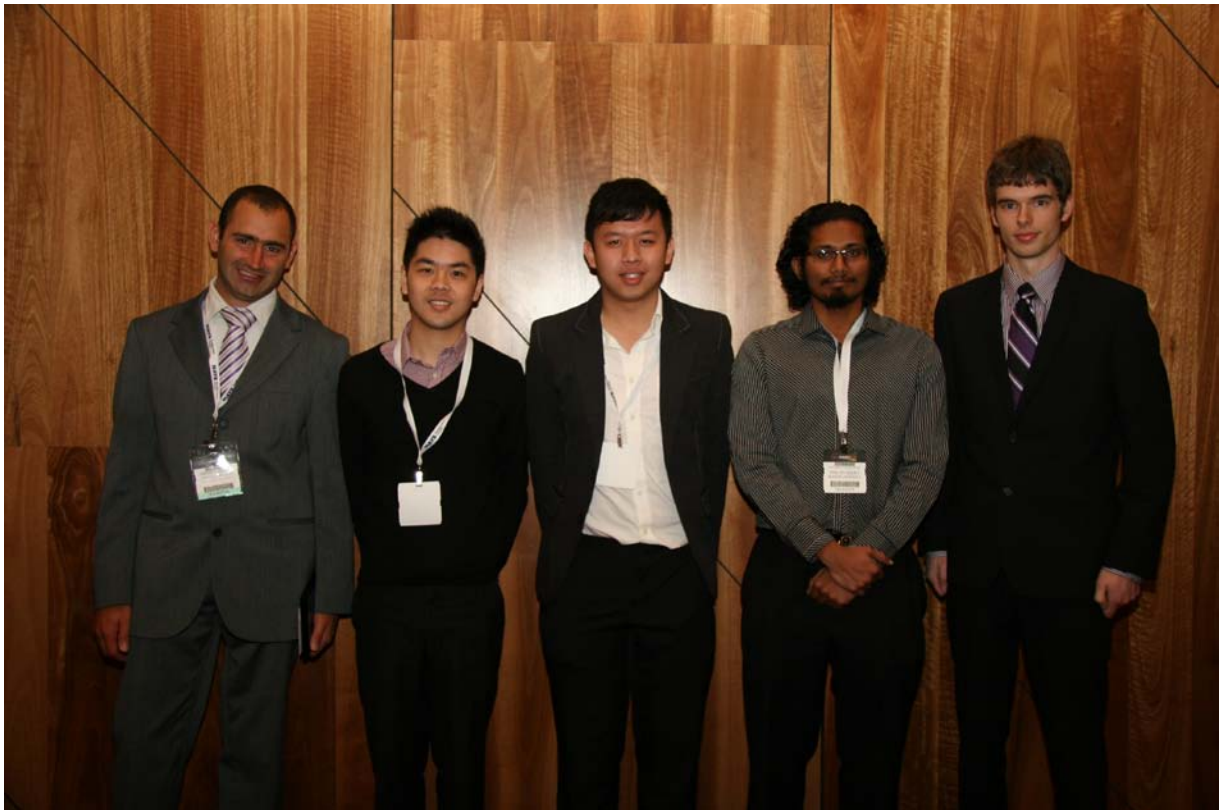
Clean Coal Victoria

Without the support of our sponsors, the AIE would not be able to stage these events which are of great benefit in the development of our postgraduate students.

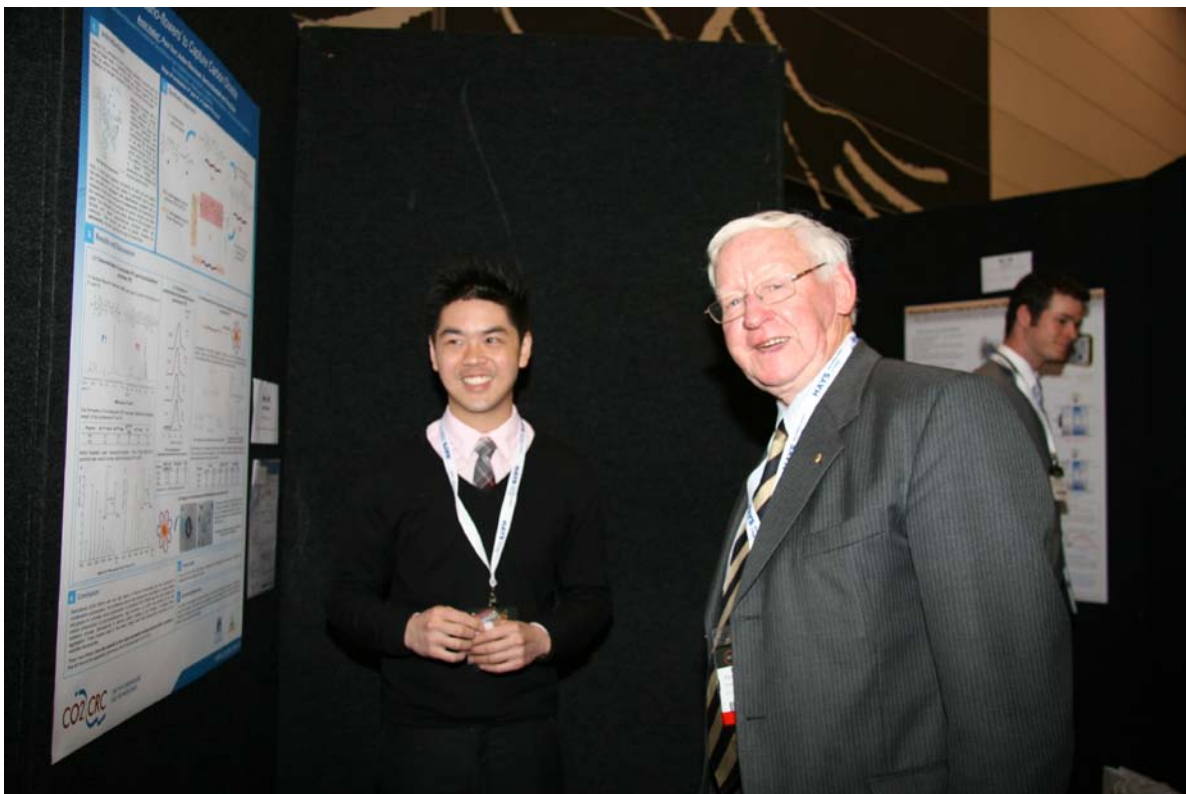
Melbourne Branch also takes this opportunity to congratulate our YEPs, particularly Mark Kealy and his committee on the very successful conference stream they organised at All-Energy.

The handbook illustrating the full range of projects and including their one page summaries is available with this report. Some photographs taken at the event follows.

For more information contact David Allardice on 0418 100 361 or allad@bigpond.net.au.



A rogues gallery of the prize winners - Left to Right
André Stephan, Andri Halim, Wirhan Prationo Sharmen Rajendran and Braden Kidd.



Andri Halim with Prof Frank Larkins



Dr Peter Redlich (DPI) with Braden Kidd



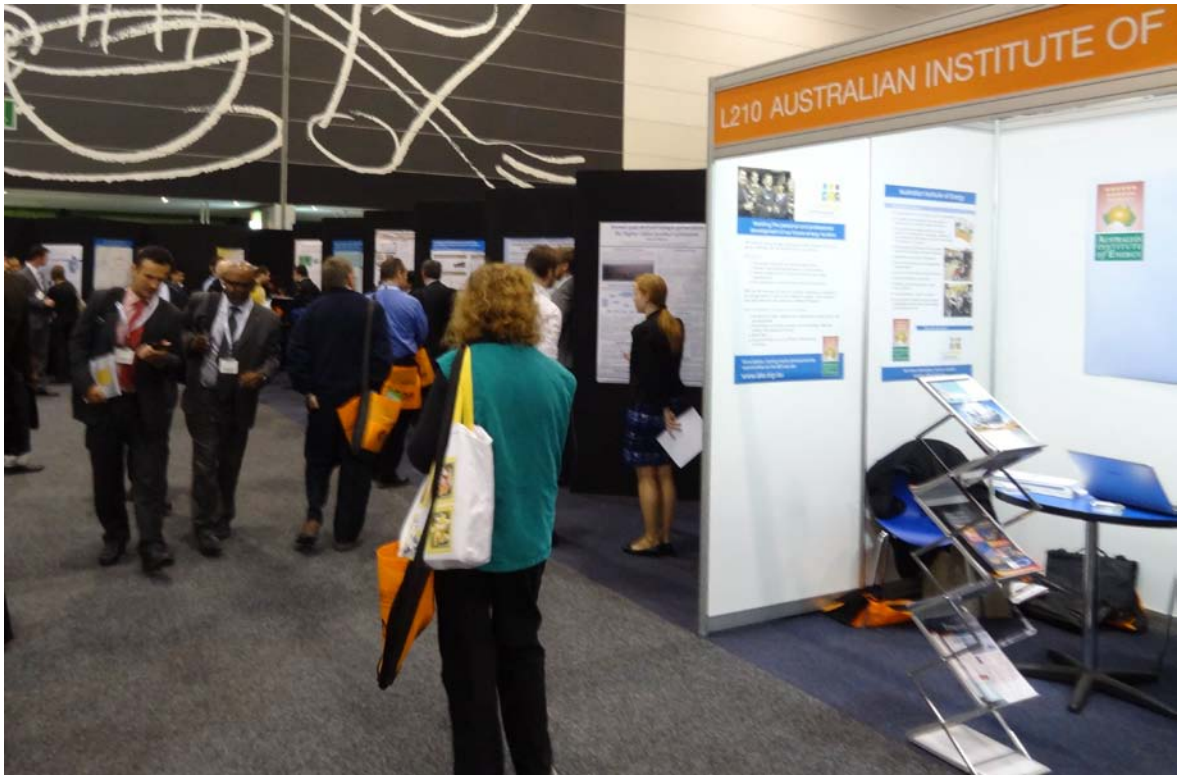
Dr Phil Gurney, CEO BCIA with the BCIA Award winner Adri Halim



Prof Sandra Kentish, judging coordinator presenting the Clean Energy Council Award to André Stephan



Dr Redlich again with Sharmen Rajendran and the Clean Coal Victoria Award



Poster Displays and AIE booth at All-Energy Exhibition

