



ENGINEERS AUSTRALIA
Young Engineers
Victoria

new minds.
new ideas.



News from the Victoria Division of Young Engineers Australia

Chair Report

MAIN EVENTS

- 27 April — YEA-V Speed Networking
- 5-7 May — CELM YEA Conference
- 25 May — YEAV Entrepreneurship workshop
- 8 June — YEAV AGM

INSIDE THIS ISSUE:

Upcoming Events	2
Leadership Conference Preview	5
Event Reviews	6
Environment News	8
Technical Groups Section	10
Calendar of Events	11

DON'T FORGET

2010 ENGINEERING EXPO
25th March, Etihad Stadium, Melbourne, 2-7pm
www.engineeringexpo.org.au



THURSDAY, 25 MARCH AT MELBOURNE EXHIBITION CENTRE 2PM—7PM



It has been great to see lots of engineering news in the media over the last month, with the Make It So Campaign entering the next phase of the competition and the launch of the Victorian Infrastructure Report Card.

The Report Card raises many questions on what needs to be done in Victoria to maintain the lifestyles we currently enjoy, for example what type of energy and water supplies are needed, and what type of distribution networks will be needed to deliver these commodities to us. It also raises broader questions, such as what type of developments are needed to cater for Melbourne's predicted increase in population, i.e. low-rise versus high-rise development. As engineers we are in the privileged position to be able to inform people on these topics and influence the outcomes for the benefit of future generations.

Over the last month YEA-V has continued to work on opportunities to increase the avenues by which your views can be heard and provide access to a wider variety of events. We held an internal networking session with other Engineers Australia groups, where some good ideas were shared and hopefully some interesting joint events will eventuate in the future. Opportunities for young engineers to be involved are currently available within some of the technical societies (see page 12 for more information). At our last Committee meeting we had a presentation from Engineers Without Borders and we are now looking at ways we can work more closely together through sharing ideas and information, and the promotion of events.

Well done to the events team for organising

two events in the last month – the Visy Site tour (see page 6 for review) and a Lawn Bowls event (see page 7 for review). I found them both very enjoyable. The Visy tour was very informative – the speeds and volumes of material that move through the plant astound me. The lawn bowls event was a great day out – it was good to have a chat with lots of other young engineers, while having a bit of fun out on the greens.

In the coming months we have several events planned, including a speed networking evening and a seminar on entrepreneurship. Our AGM is also fast approaching – see page 4 for how you can be involved.

As a final note for this month's Chair Report, I would like to remind you that there has been a change of venue for the Engineering Expo, which will be held on 25 March at Melbourne Exhibition Centre, with over 75 exhibitors (including YEA-V) and some great presentations. It looks like an event not to be missed!

Links

- Make It So: <http://makeitso.org.au/>
- Victorian Infrastructure Report Card: <http://tiny.cc/2pbSx>
- Development in Melbourne: <http://tiny.cc/3gKx5>
- EWB: <http://www.ewb.org.au/>
- Engineering Expo: <http://tiny.cc/expo95>

Ben Aldham
Young Engineers Australia,
Victoria Chair

Venue Change

Have a question about YEA? Email us at yeavic@engineersaustralia.org.au or visit us at <http://www.engineersaustralia.org.au/yeavic/>



ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.

new ideas.



News from the Victoria Division of Young Engineers Australia

Upcoming Events

Speed Networking

Sponsored by **GASCO**



DATE: Tuesday, 27 April 2010

TIME: 6.00pm, concluding at 8.00pm

VENUE: Royal Melbourne Hotel 629 Bourke Street, Melbourne, VIC

COST: Members: Free

RSVP: ESSENTIAL by Tuesday, 20 April, 2010

To register and for more information, please visit our website

www.engineersaustralia.org.au/yeavic/events

Ever wanted to know more people in your profession? On the lookout for exciting new opportunities? Then speed networking is for you! With tips on how to network more easily and effectively, and the opportunity to chat with a diverse group of engineers from all backgrounds in a relaxed and friendly atmosphere you're sure to make some great contacts and maybe even get the inside scoop on that new job you've been looking for!



Be sure to bring your business cards

YEA-V Event Sponsors

YEA-V would like to thank our sponsors for the 2009 - 2010 financial period, Sinclair Knight Merz (SKM) and Gasco. SKM sponsored YEA-V for the second half of 2009. We are also grateful to Gasco, who are generously sponsoring us for some fantastic events during the first half of 2010.

YEA-V greatly appreciate the ongoing support we have received from industry and hope this relationship will continue to prosper in the future.



To find out more about YEA-V events, go to www.engineersaustralia.org.au/yeavic/events



ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Upcoming Events

Entrepreneurship workshop

Sponsored by **GASCO**

- DATE:** Tuesday, 25 May, 2010
- VENUE:** John Connell Auditorium, Engineering House,
21 Bedford Street, North Melbourne
(Melways Ref: Map 2B A9)
- TIME:** 6:00pm, concluding at 7.30pm
- COST:** Free for both Members and Non-members
Food and beverage refreshments provided
- RSVP:** ESSENTIAL by Friday, 20 May, 2010 at
yeavic@engineersaustralia.org.au



To register and for more information, please visit our website

www.engineersaustralia.org.au/yeavic/events

Do you have a mind of an Entrepreneur? Are you the one who has the habit of undertaking all endeavours and being your own boss ? If yes, then this targeted event is an opportunity for engineering professionals and students to meet Jefferson Harcourt, one of the leading entrepreneur's of Australia, from an engineering background, who has the ability to transform innovations into economic goods.

Don't miss the opportunity to attend this event and learn some key skills to achieve your dream of becoming an entrepreneur!!

Attendance at this event is eligible for EA Continuing Professional Development (CPD).



new minds.
→ *new ideas.*



ENGINEERS
AUSTRALIA
Young Engineers

To find out more about YEA-V events, go to www.engineersaustralia.org.au/yeavic/events



ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.
→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Upcoming Events

YEA-V AGM



- DATE:** Tuesday, 08 June, 2010
- VENUE:** John Connell Auditorium, Engineering House,
21 Bedford Street, North Melbourne
(Melways Ref: Map 2B A9)
- TIME:** 6:00pm, concluding at 8.30pm
- COST:** Free for both Members and Non-members
Food and beverage refreshments provided
- RSVP:** ESSENTIAL by Tuesday, 1 June, 2010

To register and for more information, please visit our website

www.engineersaustralia.org.au/yeavic/events

Come along to nominate, vote and get involved or just find out what young engineers are achieving in Victoria. All Welcome!

There are so many benefits of joining, so why not come along to find out what you can gain and give?

Details on roles, responsibilities and nomination process as well as further information about YEA-V is available on the YEA-V website:

<http://www.engineersaustralia.org.au/ieaust/index.cfm?272850B7-FE17-0BA4-5B1C-2DCD497CF25D>

or Facebook page www.facebook.com/yeavic

Attendance at this Event is eligible for EA Continuing Professional Development (CPD).

To find out more about YEA-V events, go to www.engineersaustralia.org.au/yeavic/events



**ENGINEERS
AUSTRALIA**
Young Engineers
Victoria

new minds.

new ideas.



News from the Victoria Division of Young Engineers Australia

Registrations Now Open

In the Year of Engineering Leadership, the Centre of Engineering Leadership and Management (CELM) and Young Engineers Australia (YEA) have joined together to present the Engineering Leadership Conference.

The Engineering Leadership Conference will deliver a dynamic and thought provoking combination of high profile speakers and challenging presentations appealing to experienced engineering leaders and those transitioning into leadership roles.

Invited speakers and Panelists you may know include:

- Daniel Almagor, Engineers Without Borders
- Dr Robert Care, Chairman, Arup Australasia
- Dr Nick Fleming, Chief Sustainability Officer, SKM
- Dr Geoff Garrett, former CEO CSIRO
- Stuart Glenn, COO, PB International (Parsons Brinkerhof)
- Helen Gluer, CEO Tarong Energy
- Dr Cassandra Goldie, Australian Human Rights Commission
- Professor Doug Hargreaves, President, Engineers Australia
- The Honourable Stirling Hinchcliffe MP, Minister for Infrastructure & Planning, Qld Govt
- Professor Archie Johnston, Dean, Faculty of Engineering & IT, University of Sydney
- Bill Marmion MLA, Member for Nedlands, WA government
- Zimi Meka, CEO, Ausenco
- Dr Chris Roberts, CEO, Cochlear
- Professor Veena Sahajwalla, UNSW (& ABC TV's New Inventors)
- Else Shepherd AM, Chair Powerlink Qld
- Ian Shepherd, CEO, GHD
- Adam Spencer (MC for the Hypothetical)
- Air Vice-Marshal Colin Thorne AM, Defence Materiel Organisation
- Bill Wild, COO, Leighton Holdings
- Dr Paul Wilson, Engineering Manager, Calibre Controls



Great mentoring packages available

Early bird entries closing this Friday,
26 March, 2010

More to be advised as details of panels and chairs are confirmed. Visit the <http://www.engineeringleadership.org>

for further announcements on speakers.

We are pleased to confirm Adam Spencer as the Hypothetical Session chair. You might know him as former Triple J radio DJ and guest from comedy smashes such as "Good News Week", "The Fat" and "The Glass House". Let's be honest, many of you may well have woken up with him on 702 ABC Sydney radio.



**ENGINEERING
LEADERSHIP
CONFERENCE
2010**

Inspiration, Agility, Success

5-7 May 2010

**Brisbane Convention and Exhibition Centre
Brisbane, Australia**



**ENGINEERS
AUSTRALIA**



ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.
new ideas.



News from the Victoria Division of Young Engineers Australia

Events Wrap Up

Visy Site Tour—VP4 Tech Centre

Saturday, 13 March, 2010



A week later from those crazy storms we had in Melbourne and the city produced a beautiful day for what was to be the tour of Visy's facilities out in Coolaroo in Melbourne's north. The crew gathered at Engineers Australia's headquarters at 9am and we were ready to go for what was a tour specifically of the Paper Mill (VP4) and the Research and Technology Centre. Our two hosts from Visy on the day were Research and Development Manager of the Technical Centre, Anthony Mackay and Chemical Engineer, Viet Vu who is responsible for running the paper mill and many other facilities on the site.

After Anthony's initial overview of the company and safety briefing, Viet took over and began showing us the facilities that make up VP4. A little background information on these facilities lets us know that VP4 is a triple wire fourdrinier, producing mainly plasterboard liner for the building industry along with white and brown liner grades. The facility also processes most of the everyday waste we throw out into our big recycle bins such as magazines, newspapers, office waste and other products that could be viable to be made into paper pulp then back into recycled paper and board. Viet showed us the pulp making facilities that are split up into four different sections on the fourdrinier machine. The first is the wet end, which adds the slurry or



pulp to the machine to be rolled. The next is the press section that presses the required amount of moisture out of the sheets of paper. Next is the dryer section, that as the name suggests dries the pulp by way of a series of steam-heated rollers that stretch the web of fibres, releasing the moisture. Lastly comes the calendar section which is again a series of rollers that the web of fibres run in between to further smooth out the paper and to reach a more uniform thickness. After these four processes the paper is wound onto a roll and stored for shipping or cutting later in the manufacturing process.

The other side of the tour involved Anthony showing us around the Tech Centre and gave us a behind the scenes look at the facilities and labs that conduct different tests and experiments that lead to the development of new products for Visy and it's customers. This research allows Visy to prove different working models that can later be applied in the manufacturing process not only on the Coolaroo site but also on many of the other sites that Visy conducts business in. These include not only recycling and manufacturing cardboard, but also the fabrication of PET bottles, steel and aluminium cans and automation type machinery. The tour focused in on various

Continues next page

To find out more about YEA-V events, go to www.engineersaustralia.org.au/yeavic/events



**ENGINEERS
AUSTRALIA**
Young Engineers
Victoria

new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Events Wrap Up



different testing procedures from compressive loads that cardboard boxes can take to the different microbiological hazards that many of the food packaging must withstand. The tour of this facility was a great insight into the finer details that go into making a company of Visy's size tick.

The tour of Visy's facilities was a great success and an experience that was enjoyed by all who attended on the day. It is always a great pleasure when companies let engineers and other interested people alike come in to explore and see how some of the everyday things we use and take for granted are made and the effort that is gone into making them and delivering them to the public.

On behalf of Young Engineers Australia - Victoria I would sincerely like to thank Anthony Mackay, Viet Vu and the rest of the staff who helped on the day from Visy for conducting such a great day and for sharing their knowledge and wisdom of their business.

We hope we can do something in the near future once again and we hope that all of you young engineers can join us and learn and experience a thing or two!

Cheers!

Ivanco Neskovski

YEA-V Committee

Lawn Bowls

Sunday, 21 March, 2010

On a not so sunny Sunday afternoon, a group of young engineers made their way down to the Princes Park Bowls Club for a BBQ lunch and a bit of a bowl, but more importantly to meet some peers working in similar industries.

The skies were threatening at times, but only a few drops landed and they did not hamper the bowling. Having recently played on the Fitzroy green, I can say with certainty, that different greens roll the bowls differently, and of course this then sparked conversations of the friction coefficient of the grass and what could be making it differ so greatly. Luckily for those listening, enough beer had been consumed to allow these ideas to quickly dissipate.

The afternoon wrapped up shortly after three, with the lucky lady of the 'gutter chase' taking home a 6 pack.

YEA-V would like to thank the Princes Park Bowls Club for all these assistance in the event, and our sponsors, GASCO for supporting us.



To find out more about YEA-V events, go to www.engineersaustralia.org.au/yeavic/events



ENGINEERS AUSTRALIA
Young Engineers
Victoria

new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Environment News

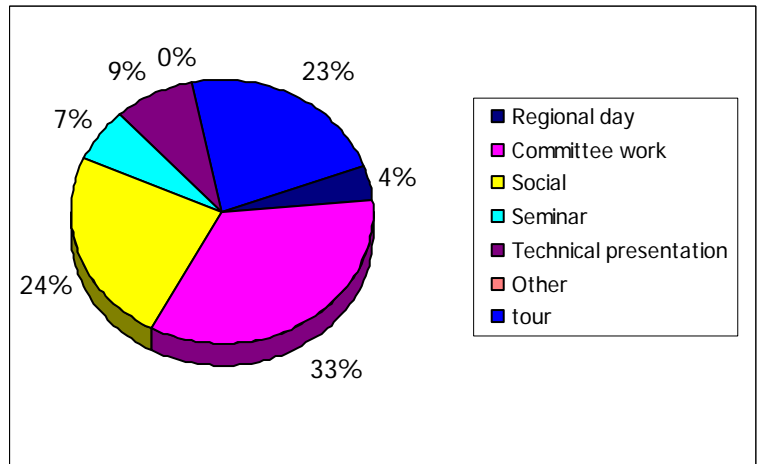
An important role of the sustainability subcommittee is to track the greenhouse gas emissions produced by YEA-V in conducting committee work, tours, technical presentations, seminars, and social events over the past 12 months. To date 3712kg of greenhouse gasses have been produced by YEA-V activities, which is equivalent to just a little more than 1 average Australian car for the same period, or one human being continuously exhaling for 3580 days.

The two pie graphs shown below are different breakdowns for where our energy was consumed. As you might probably expect, the prominent 3 greenhouse emitting events are committee work, social events and tours. You can also see that transport (passenger and public) hold the majority share of the emissions by activity type. It's worth noting that public transport was used for 70% of the total distance travelled by people attending YEA-V events, but only accounted for 34% of the total transport related emissions. Probably the biggest surprise is the emissions associated with beverage consumption, i.e. soft drink, beer and wine consumed over YEA-V events.

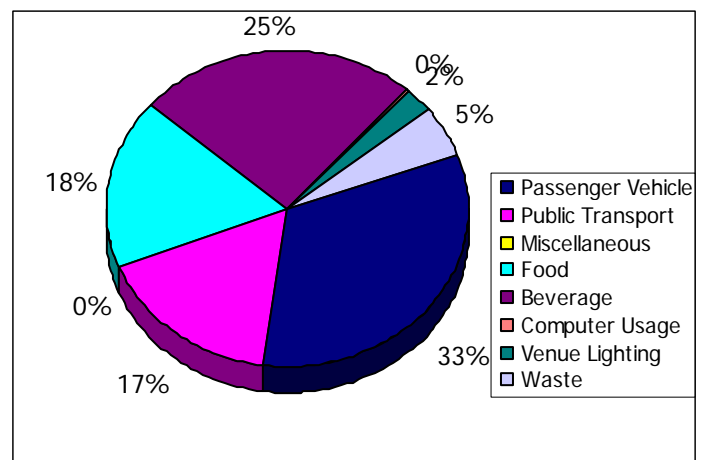
If you would like to calculate your own emissions then why not try using a website such as

<http://www.carbonneutral.com.au/> or

<http://www.originenergy.com.au/>



Emissions by event type



Emissions by activity type



new minds.

→ *new ideas.*

Have a question about YEA? Email us at yeavic@engineersaustralia.org.au



ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Famous Engineer



Kalpana Chawla was of Punjabi descent and from Karnal, Haryana, India. She was born in Model Town Karnal. Kalpana in Sanskrit means "imagination". Her interest in flying was inspired by J. R. D. Tata, a pioneering Indian pilot and industrialist.

industrialist.

Chawla completed her earlier schooling at Tagore Public School, Karnal. She earned her B.E. degree in aeronautical engineering at Punjab Engineering College in Chandigarh in 1982. She moved to the United States in 1982 and obtained a M.S. degree in aerospace engineering from the University of Texas at Arlington (1984). Chawla went on to earn a second M.S. degree in 1986 and a Ph.D. degree in aerospace engineering in 1988 from the University of Colorado at Boulder.

Later that year she began working for NASA Ames Research Centre as vice president of Overset Methods, Inc. where she did computational fluid dynamics research on Vertical and / or Short Take Off and Landing. Chawla held a Certificated Flight Instructor rating for airplanes, gliders and Commercial Pilot licenses for single and multiengine airplanes, seaplanes and gliders. She held an Federal Communications Commission issued Technician Class Amateur Radio license with the call sign KD5ESI.

Chawla joined the NASA astronaut corps in March 1995 and was selected for her first flight in 1998.

Her first space mission began on November 19, 1997 as part of the six astronaut crew that flew the Space Shut-

tle Columbia flight STS-87. Chawla was the first Indian-born woman and the second person of Indian origin to fly in space, following cosmonaut Rakesh Sharma who flew in 1984 in a Soviet spacecraft.

On her first mission, Chawla travelled over 10.4 million miles in 252 orbits of the earth, logging more than 360 hours in space. During STS-87, she was responsible for deploying the Spartan Satellite, which malfunctioned, necessitating a spacewalk by Winston Scott and Takao Doi to capture the satellite. A five-month NASA investigation fully exonerated Chawla by identifying errors in software interfaces and the defined procedures of flight crew and ground control.

After the completion of STS-87 post-flight activities, Kalpana was assigned to technical positions in the astronaut office, her performance in which was recognised with a special award from her peers.

In 2000 she was selected for her second flight as part of the crew of STS-107. This mission was repeatedly delayed due to scheduling conflicts and technical problems such as the July 2002 discovery of cracks in the shuttle engine flow liners. On January 16, 2003, Chawla finally returned to space aboard Columbia on the ill-fated STS-107 mission. Chawla's responsibilities included the microgravity experiments, for which the crew conducted nearly 80 experiments studying earth and space science, advanced technology development, and astronaut health and safety.

Kalpana died in the Space Shuttle Columbia disaster, which occurred on February 1, 2003, when the Space Shuttle Columbia disintegrated over Texas during re-entry into the Earth's atmosphere, with the loss of all seven crew members, shortly before it was scheduled to conclude its 28th mission.

Have a question about YEA? Email us at yeavic@engineersaustralia.org.au



**ENGINEERS
AUSTRALIA**
Young Engineers
Victoria

new minds.

—————> *new ideas.*



News from the Victoria Division of Young Engineers Australia

Student News

Canstruction in Melbourne Australia began as the dream of a small group of educational leaders in schools in Bayswater and Boronia – Melbourne’s eastern suburbs, as they went looking for a concept to engage Middle Years students (years 5 – 8) in an in-depth study of mathematics, science and eLearning.

The concept from Canstruction USA was simple; form teams of engineers and architects, design and build amazing structures out of cans of food, judge and award design prizes to the winners, and then donate the cans of food to charity. However, this concept had never been attempted with school students before. How could it work? The answer lay in community partnerships.

In 2008, five schools, 25 teams, 300 participants, and over 30,000 cans of food went into the project in the first year. The public were stunned by the teamwork, ingenuity, and designs of the students. In 2009, 30 schools were involved in the project with the build moving from a local school library to Monash University, Clayton Campus.

Community Partnerships

From the very beginning, several community partners jumped on board to help make the project a reality. A major partner was Monash University’s “Schools’ Technology Project” from Monash Education. Robyne Bowering, the leader of this project helped to shape the mentoring aspect of Canstruction by providing an engineering student mentor to each school team. Each school team had a mentor assigned for the entire design and build process, which is six weeks in duration.

Sunny Bhatti, YEA - V Education and Membership representative was approached by Ian Matthews of Gasco Pty Ltd, one of Canstruction’s corporate supporters, to mentor the Canstruction process by providing engineer volunteers in the 2009 Can-

struction build.

“Canstruction is a wonderful cause that provides so many benefits to all parties” said Sunny. “It provides engineers with the chance to guide and motivate young students, to provide real benefit to disadvantaged communities and also allows engineers the chance to develop their leadership and interpersonal skills through a real-life project management process – everyone wins!”

The result of the 2009 build was that Canstruction Melbourne won an inaugural NAB Schools First Award. This has allowed Canstruction Melbourne to grow even further to accommodate 50 school teams in Victoria in 2010.

Get Involved

This year YEA-V will again be supporting the Canstruction program with volunteers mentoring participants and acting as part of the judging panel, there are many opportunities for individuals and businesses to get involved.

Benefits for individuals and businesses include

- Promoting engineering to a new generation of budding engineers
- Engagement in local community partnerships – schools
- Entry into developing a company’s “Corporate Social Responsibility” response

For all those who are interested and don’t want to miss the opportunity to support this great event then please contact before the deadline, May 14th 2010.

Name: Andrew Philp

Mobile #: 0423 636 213

Email: canstruction.melbourne@gmail.com

Have a question about YEA? Email us at yeavic@engineersaustralia.org.au



ENGINEERS AUSTRALIA
Young Engineers
Victoria

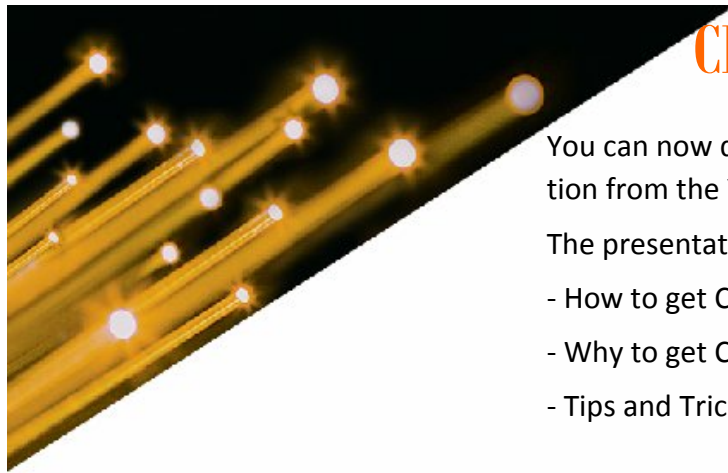
new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Chartered Status Forum



You can now download the Chartered Status powerpoint presentation from the YEA-V website www.engineersaustralia.org.au/yeavic

The presentation includes:

- How to get Chartered
- Why to get Chartered
- Tips and Tricks for writing Career Episode Reports

Further tips are available on the [YEA-V blog](#) and the [Facebook page](#)

You can also join a YEA-V Chartered Status Study group, facilitated by a young Chartered engineer. Please email yeavic@engineersaustralia.org.au if you are interested or would like further information.

free
ENGINEERING EXPO 2010

A showcase of how engineers make it so.

25th March 2010

Etihad Stadium, Melbourne, 2 - 7pm

This event will provide you access to;

- 60+ Exhibitors
- FREE Seminars
- Recruitment Opportunities
- Engineering Industry Insight
- Career and Professional Development Advice
- Updates on Engineering Projects
- Leadership Information
- Knowledge on Engineering Capability

For more information...

Noël Dos Santos, Manager - Membership Marketing,
Engineers Australia, Victoria Division
Level 2 / 21 Bedford Street, North Melbourne
Victoria, Australia 3051
Tel +61 3 9321 1726



Engineering Education Australia

Event Sponsors

Register online at www.engineeringexpo.org.au



ENGINEERS AUSTRALIA
Victoria Division



**ENGINEERS
AUSTRALIA**
Young Engineers
Victoria

new minds.

new ideas.



News from the Victoria Division of Young Engineers Australia

Technical Groups Section

Carbon Transport

A Beyond Zero Emissions Event

Featuring Prof. Peter Newman

Time: 6.30pm
When: Monday, 12 April 2010
Venue: Sans Frontiers Room, 2nd Floor, Kindness House, 288 Brunswick St, Fitzroy VIC.
Cost: Gold coin donation

Professor **Peter Newman** is best known for his work in saving, reviving and extending Perth's rail system. This month's discussion group will be a great opportunity for those wishing to contribute to the transport sector of ZCA 2020, to learn about Zero Carbon Transport through Peter's many successes in this area.

<http://www.beyondzeroemissions.org/events/discussion-group>

Wheelchair access available via lift.
Please call 0421 011 182 to arrange.

* Please note change to usual date due to Easter

Committee Position Vacancies—BOE

Position Title: YEA Representative on Electrical College Board – Victoria

Committee: Electrical College Board – Victorian Division

Description of position: With the support of the Electrical College Board committee, this position will organise one event during 2010 preferably in conjunction with YEA-Vic. The incumbent will be invited to attend monthly ECB-Vic committee meetings, liaise with YEA-Vic and provide input and support for other ECB-Vic events.

Estimated time commitment: 1/2 night per month (committee meetings), ~ 8 hours organising the event, 2 hour event.

Applications to include:

- membership number
- student or working?
- Brief statement (200 words) explaining why you would like this position.

Send applications or questions to:

mmradojkovic@optusnet.com.au



new minds.

new ideas.



To find out more about technical groups and societies visit http://www.engineersaustralia.org.au/divisions/victoria-division/groups/groups_home.cfm or contact yeavic@engineersaustralia.org.au



Work overseas with EWB!

www.ewb.org.au

Engineers Without Borders Australia (EWB) is **recruiting now** for volunteers to work with our community partners in Asia.

Placements are for 3-12 months in the areas of:

- | | | |
|----------------------|-------|----------------------|
| • Water & sanitation | • IT | • Project Management |
| • Energy | • OHS | • R&D and more |

In countries:

- | | | | | |
|---------|------------|---------|--------|---------------|
| • Nepal | • Cambodia | • India | • Laos | • Timor Leste |
|---------|------------|---------|--------|---------------|

To find out more about the available positions, and to apply, visit:

www.ewb.org.au/volunteer

Applications close Monday 5th April, 2010. Don't miss out!





ENGINEERS
AUSTRALIA
Young Engineers
Victoria

new minds.

.....→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

Technical Groups Section

EMINENT SPEAKER SERIES

How Engineering Leadership will solve Climate Change



Presented by:

Prof. Geoff Stevens BE (Chemical), PhD, FIChemE, FAusIMM, CEng, CPMet
Director of the Particulate Fluids Processing Centre, University of Melbourne

Date: 20 Apr 2010

Time: 5:30 for 6:00PM start
(Light refreshment served)
7:30 finish

Venue: Telstra Conference Centre
242 Exhibition St, Melbourne

Capacity: Please book early –
Limited Seats

CPD: Attendance is credited to CPD

Transport:

5 min walk to Parliament Station

Parking stations nearby

RSVP:

Essential by Friday 16 April 2010

<https://events.engineersaustralia.org.au/ei/getdemo.ei?id=205&s= ILG0WSM57>

Cost: Free

Sponsors:



ENGINEERS
AUSTRALIA



THE UNIVERSITY OF
MELBOURNE

Climate change impacts are well documented and their influence on all of our lives will be significant. This is a difficult issue for our political system to handle because actions are required now but the effects will not be obvious for generations. Any response must be global to have the required impact. Some nations will have greater impact and others have produced more CO₂. How is this burden to be shared?

This talk will discuss various options for our energy future and how significant cuts in greenhouse gases can be achieved and at what cost. In particular, a discussion of the issues around the implementation of carbon capture and storage in Victoria, as a case study to explain the role of technology development in a sustainable energy future.

To find out more about technical groups and societies visit http://www.engineersaustralia.org.au/divisions/victoria-division/groups/groups_home.cfm or contact yeavic@engineersaustralia.org.au



**ENGINEERS
AUSTRALIA**
Young Engineers
Victoria

new minds.

→ *new ideas.*



News from the Victoria Division of Young Engineers Australia

CALENDAR OF EVENTS 2010

APR	YEA-V Speed Networking	Tues 27
MAY	CELM YEA Conference	5-7
	Entrepreneurship workshop	Tues 25
JUN	YEA-V AGM	Tues 08

WHAT'S NEW WITH YEA-V!

YEA-V has recently changed to a Facebook Fan Page
So come and join our fans. You will have better access to event information, photos, discussions and reviews of events.

Plus the ability to make comments on all activities within YEA-V

So join us **NOW**

www.facebook.com/yeavic

Feedback?

If you have been working on an interesting engineering project we would love to hear about it. Simply tell us in 200 words or less and attach a photo. It's so easy! Just send the article to

yeavic@engineersaustralia.org.au

Have any suggestions for YEA-V or would like to provide feedback on any of the events we hold, or want to get involved? Email

yeavic@engineersaustralia.org.au



new minds.

→ *new ideas.*