

Members recognised for contribution to Chartered Status process

Members who gave their time to be interviewers for Chartered Status applications over the last 12 months were invited to attend an evening event at the WA Division to thank them for their contribution to the profession.

During the evening Stuart Payne, Manager of Engineering with WorleyParsons Western Operations, talked about the value of Chartered Status to his organisation and to the individual members.

The 'Profession Interview' is an integral part of the assessment of applicants for Chartered Status and Engineers Australia relies on its Chartered members to participate as interviewers when requested. The interviewers for each assessment are chosen for their engineering discipline and expertise in the applicant's area of practice.

One interviewer at the event commented on the difference he had noted with young engineers who had gained chartered status. They approached their work with more care and attention to the decisions they were making.

This is as much a product of the process of achieving chartered status as the end result. Applicants are drawn to the decisions they are making on behalf of their clients and the community. This includes the possible impact they may have on people as well as the global environment.

The Division manages a list of Chartered members who are available to assist with these interviews and we thank all these members and their employers who have supported the Chartered process by giving their time and expertise.



Top left (l-r): Chris Fitzhardinge FIEAust CPEng, Shan Sureshan MIEAust CPEng, Bill Koul FIEAust CPEng
 Top right (l-r) John Debowski FIEAust CPEng, Peter Brearley FIEAust CPEng & National Assessor, Mark Armstrong MIEAust CPEng, Adam Ritchie MIEAust CPEng
 Bottom left (l-r): John Harding FIEAust CPEng, Boris Vujovic MIEAust CPEng
 Bottom right (l-r): Stephen Logan FIEAust CPEng, David Foulsham FIEAust CPEng, Rick Hoad FIEAust CPEng

More About Chartered Status

Becoming a Chartered Engineer provides an engineer with a point of difference and demonstrates their competency as a practising engineer through a process of external assessment and peer review.

A Chartered Engineer is technically competent, ethical and committed to currency and skill and knowledge development, and is able to practice largely independently, displaying leadership and exercising sound judgement.

Increasingly Chartered Engineers are sought after by clients and employing a team of them is part of a risk management strategy for many employers. This can impact on important areas such as professional liability insurance.

Chartered Engineers have access to NPER Registration and as a Chartered Engineer with Engineers Australia they have international mobility, with acceptance in many countries.

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 Western Australia Division

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Key dates announced for WA Engineering Excellence Awards Program

Key dates have been locked in for the 2010 WA Engineering Excellence Awards Program as indicated below:

- > **Wednesday 10th March**
Breakfast Launch
- > **Friday 16th April**
Call for Entries Due
- > **Friday 18th June**
Submissions Due
- > **Friday 10th September**
Cocktail Party and Excellence Awards Poster Exhibition
- > **Saturday 18th September**
Presentation Dinner



be available on the Engineers Australia WA Division web site after the Wednesday 10th March.

All category winners at the WA Engineering Excellence Awards are eligible to enter the National Engineering Excellence Awards.

All WA Engineering Excellence Awards inquiries can be directed to Sharleen Mantle at Engineers Australia WA Division on (08) 9321 3340 or email smantle@engineersaustralia.org.au

The Entry Guidelines and Entry Form will

Newly Chartered Engineers presented with certificates



At the final Engineers Australia Certificate Presentation Evening of the year for 2009 newly appointed Chartered Engineers were presented with their certificates by WA Division President Chris Fitzhardinge.

Pictured Left: LEUT Jenny Ko MIEAust CPEng receives her certificate from 2009 WA Division President Chris Fitzhardinge. Below (l-r): Eduard Ellis MIEAust CPEng, Daniel Hepburn MIEAust CPEng & Peeyush Mathur MIEAust CPEng all with Chris Fitzhardinge.

For more photos from the night please refer to page 5 of this newsletter.



Charting our journey through 2010 and beyond

Professor Tony Lucey FIEAust
.....

In January the Division formulated the operational plan that defines the first annual step towards our organisation's goals as laid out in the national Engineers Australia Strategic Plan 2010-2015. The initiatives and actions contained therein provide a route comprising diverse, yet integrated, paths that will guide us through 2010.

While continuing to espouse the long-established and enduring values and principles of our profession and its members, the new strategic plan does hold some surprises and, to some, might seem worryingly radical. Its articulated preferred future sees the community, in its broadest sense, looking to our profession to create the solutions that will deliver a sustainable future. Equally, it sees our organisation as key to upholding the standards and advancing the practice of Engineering.

Taken together, Engineering will be expected to lead the community in safeguarding and even defining its future, and to fulfil this role Engineering needs to operate at the highest standards of practice and levels of innovation. This role is one of immense responsibility in which the community's hopes for the future will be increasingly invested.

Accepting this role is the major step that our Organisation seeks to, and needs to, take in the growth and evolution of Engineering. It is then entirely congruent that 2010 has been designated the Year of Engineering Leadership, thereby marking the start of this journey forwards.

The value of any vision depends fundamentally upon whether it is achievable, the formulation of a set of practicable strategies that lead to its fulfilment, and finally by the successful implementation of these strategies.

The history of Engineering, our continued recognition of its vast potentialities, and the drive of its practitioners and leaders, gives us the confidence to believe that our goal is achievable. Thus, we can next turn to the strategies developed. Six domains are identified in the plan, these being:

1. Community Engagement
2. Body of Knowledge and Professional Development
3. Leadership and Influence
4. Recognition, Promotion and Membership
5. Education and Qualification
6. Internal Structure and Administration

Four of these have an outward-looking focus leaving just two, Domains 2 and 6, with an internal focus, serving to strengthen our profession and its organisation. To some this emphasis may seem unbalanced.

However, it should be taken as recognition that our profession and its organisation has reached a level of maturity and strength of shared identity that it is now able to extend its reach to, and impact upon, the community. To do so is essential for the achievement of our overarching vision.

Nevertheless, in adopting this additional dimension, the organisation will not abandon nor reduce its attention to matters that serve the professional development and effectiveness of its members at both national and our divisional level.

How then does our Division's operational plan respond to the overall thrust of the strategic plan? First, the many proven activities and events that have been developed and refined over the years will continue to run and be supported by the Division; these are fundamentally important to our engineering way of life and reflect the continuing priorities of the new strategic plan.

In addition, for 2010 we have also developed a set of initiatives and activities to address the early priorities of the new strategic plan, these being "working out ways to engage more directly with the communities we serve", "placing greater emphasis on sustainability in engineering practice", and "taking special initiatives to assist the increasing number of migrant engineers who wish to join the profession".

Because our Division has already established initiatives for the latter two that will be enhanced through 2010,

much of the discussion at the planning workshop concerned the first.

The ability to communicate effectively beyond our own profession is critical in the pursuit of our Organisation's vision. This is not about self-promotion – engineers are most often unsung heroes and far too modest for that – but developing mutual understanding and the means to cross cognitive and emotional boundaries.

We need to educate the public and its communities as to what engineering is, what it can do and, perhaps just as importantly, what it can't do. To do this successfully we must use a language and expository structure that can be understood. Engineers already command respect and that is an important start. However, they are often characterised as being distant, 'different' or 'living in their own world'. One way to close is this gap is for us to become 'more personal' by not only talking about what we do and achieve, but who we are and what motivates us to do what we do. These subtle changes will take root in 2010 and, in parallel, we will also implement a number of practical and eye-catching initiatives to engage more closely our communities.

The Division's completed operational plan will, of course, be published on our website and communicated through panel and sub-committee chair-persons. As a result of your support and efforts, I will look forward to our planned activities and their outcomes being reported in the pages of this newsletter through 2010 and beyond.



SKM shares strategies for a successful Professional Development Program



Helen Forster makes a presentation about the Professional Development Program at Sinclair Knight Merz.

In early December a special event was held for Professional Development Program (PDP) Coordinators to network as well as hear a presentation from Helen Forster, the Coordinator of WA's most successful program.

Helen is a Chartered Engineer and has been PDP Co-ordinator at SKM for the past two years.

During this time the SKM PDP has grown into the most successful in WA with 65% of the participants writing Career Episode Reports (CERs), 20% who are over a quarter of the way through the process and two new Chartered Engineers in the past month.

Helen shared her experiences and successful strategies that have made the PDP at SKM a robust development program supported by senior engineers and producing Chartered Engineers.

Helen spoke of the three main strategies as discussed below:

Engagement

Informing all engineers from graduates through to mentors and senior engineers about the program is vital to embedding the PDP in the SKM people development and review processes. Regular CER Writing study groups and mentor meetings have ensured momentum and maintains the program on a graduates 'to do list'.

Communication

Celebrating successes of new Chartered Engineers and 'stars' on the program through internal communication networks assists with continuing visibility of the PDP and encourages other graduates to strive to complete their Chartered Status.

Key People

Patrick Hill the WA/NT Regional Manager together with the leads and other senior engineers at SKM provide encouragement to the graduates and lend their support to the program. Key people such as these and Helen Forster, and before her Susan Pickford, have made the SKM program the success it is in developing young engineers and producing Chartered Engineers which in turn provides excellent benefit back to the business.

Thank you to Helen for taking the time to share her experience and strategies with other PDP Coordinators who found the session very inspiring.

A similar session will be held mid year with another successful WA company presenting.

Western Australia has the highest CER submission rate in the country, the highest per capita engagement on the PDP and is producing increasing numbers of Chartered Engineers.

By Alexandra Sparvell, Industry Manager, Engineers Australia

Technical Presentations online with Slideshare.net



We often receive requests from those who were unable to make a presentation or those that were present and found the content useful to make them available online. We do this using the website: www.slideshare.net/engineersaustralia

SlideShare is a business media site for sharing presentations, documents and pdfs. SlideShare features a vibrant professional community that regularly comments, favorites and downloads content. Content also spreads virally through blogs and social networks such as LinkedIn, Facebook and twitter. Anyone can view presentations & documents on topics that interest them. The site is growing rapidly with over 17 million monthly visitors.

You can also find the Slideshare page via Resources section of the WA Division website. If you have previously presented at the WA Division and would like to make your presentation available please email tdavies@engineersaustralia.org.au for instructions on how to do this.

New Hospitality Partner Wahoo Premium Ale

Engineers Australia WA Division is pleased to announce Wahoo Premium Ale as a new Hospitality Partner in 2010.



Wahoo Premium Ale is a refreshing, award winning brew that will leave you wanting more. This easy drinking ale is cold filtered and best served icy cold.

When poured into a glass, a subtle lemon/lime aroma rises, and the crisp US hops deliver a gentle citrus bitterness. Wahoo finishes clean and dry with no lingering bitter aftertaste.

Win a trip for two to Hawaii with Wahoo! Just buy a specially marked promotional pack from any BWS, Dan Murphy's or Woolworths Liquor now!

Wahoo. It's a beer, not a fish....

Assetivity announced as new Sponsor of the Division for 2010-11

Assetivity have previously been a sponsor of several key Engineers Australia events including the 2008 CELM National Conference and Young Engineers WA Summit in 2009, and it is with great pleasure that we announce Assetivity will be a Sponsor of the WA Division for 2010-11. See below a brief profile on Assetivity.



Assetivity is a fast growing consultancy that specialises in physical asset management.

A hybrid management and engineering consulting organisation, we focus on making improvements to Engineering, Production, Maintenance and Supply Management processes and systems for organisations in capital-intensive industries.

This includes many leading, blue-chip, global organisations in the Mining and Mineral Processing, Oil & Gas, Utilities, Power Generation, Defence and Heavy Manufacturing sectors. We offer our services throughout Australia, as well as overseas.

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Newly Chartered Engineers presented with certificates

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Wei Yu Chong MIEAust CPEng



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Ravikumar Madhavan
MIEAust CPEng



Dale Olsson MIEAust CPEng



Param Jeet Khaira MIEAust CPEng



Gary Price OMIEAust CEngO



Scott Coveney MIEAust CPEng

Engineering Leadership in a Rapidly Changing World

Guest Speaker: John Grill FIEAust CPEng EngExec, CEO, WorleyParsons



The Centre for Engineering Leadership and Management is pleased to announce John Grill, CEO, WorleyParsons, as guest speaker for the 2010 Year of Engineering Leadership Breakfast Launch.

Date: Thursday 25th February 2010, 7:15 AM

Venue: Perth Convention Exhibition Centre

John Grill, CEO of Australia's largest engineering services company, will discuss some of the big changes that he sees are happening within WorleyParsons' business environment, and will then postulate how these changes may alter the future demands that will be placed on the engineering profession. This will then lead to some thoughts on the sorts of opportunities that these altered demands could create, and a discussion on how engineers could and should take a greater leadership role in shaping the future.

For more information and ticketing please email celmwa@engineersaustralia.org.au or phone the WA Division office of Engineers Australia on (08) 9321 3340.



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WA Engineering Excellence Awards Breakfast Launch



Engineers Australia WA Division invites you to attend the Breakfast Launch of the 2010 WA Engineering Excellence Awards.

Date: Wednesday 10th March 2010, 7:15 AM

Venue: Perth Convention Exhibition Centre

Representatives from the 2009 WA Engineering Excellence Overall Winner and National Engineering Excellence Award winner, Angel Project, will discuss their project and the benefits of entry into the Awards program

Tickets

Engineers Australia Members \$55 | Non-Members \$77 | Table of 8 \$ 440

All WA Engineering Excellence Awards inquiries can be directed to Sharleen Mantle at Engineers Australia WA Division on (08) 9321 3340 or email smantle@engineersaustralia.org.au

Face to Face Expo

This event brings the next crop of graduating engineers and those seeking vacation work face to face with prospective employers.

Date: Saturday 27th March 2010, 9:00 AM – 1:00 PM

Venue: Robinson Pavilion, Claremont Showgrounds

Last year over 910 student engineers were introduced to some 73 organisations involved in a diversity of engineering activities undertaken within and outside this state, including; mining, oil and gas, the military, construction, electronics, information technology, the environment and both the state and federal sectors.

For exhibitors:

In order to secure the position of your choice, we urge you to book immediately to avoid disappointment. Phone BPA on Ph: (08) 9409 5143

For students:

Online registration will be available via the website:
www.engineersaustralia.org.au/wa



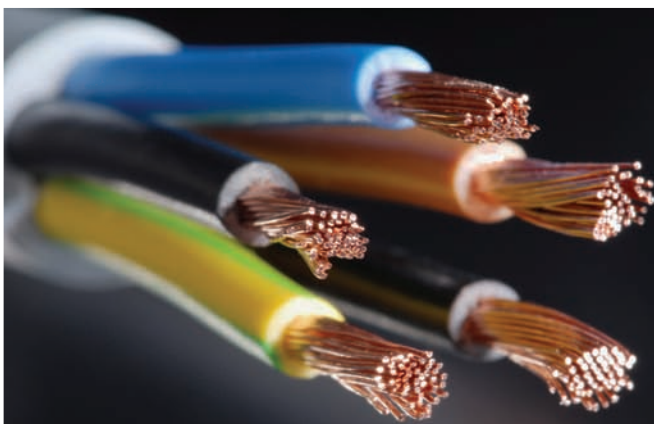
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DOWN TO EARTH CONFERENCE 2010

Perth, Western Australia
29 & 30 April

To register please contact the WA Division
Office on (08) 9321 3340



A conference dedicated entirely to EARTHING for Electrical, Electronic, Control & Communications Engineers.

Ground Improvement Workshop

The Western Australian Chapter of the Australian Geomechanics Society (AGS) will hold a Workshop on Ground Improvement on Friday 11th and Saturday 12th June. Invited speakers that will be presenting at the seminar include:

- Serge Varaksin (Menard (France))
- Professor Buddhima Indraratna (Wollongong University)
- Patrick Wong (Coffey Geotechnics Pty Ltd)

A registration form for this event is available online at www.engineersaustralia.org.au/wa

Conference Announcement

The 6th Australasian Congress on Applied Mechanics

The 6th Australasian Congress on Applied Mechanics (ACAM 6) is to be held from Sunday 12th December to Thursday 16th December 2010 at the Perth Convention and Exhibition Centre. This congress is presented by Engineers Australia's National Committee on Applied Mechanics and includes a one-day seminar hosted by the WA branch of the Australian Institute for Non-Destructive Testing (AINDT).

The Congress aims to provide an international forum for researchers, industry practitioners, engineers and postgraduate scholars to promote, exchange and disseminate knowledge and experiences of the most recent results and conceptual advances in a wide range of topics in Applied Mechanics. A distinctive feature of ACAM 6 is its appeal to industry-based participants. A special category of conference paper, entitled 'Industry Case Study', has been included to encourage engineering practitioners to communicate new or cutting-edge applications of Applied Mechanics in the engineering workplace. Such contributions will be given as a presentation and published in the congress proceedings.

For details of the congress, including the range of topics covered, please visit the congress website at: www.acam6.org or email acam6@acam6.org

Dates for your Diary

ENGINEERS AUSTRALIA
WA DIVISION NEWSLETTER

Date	Host	Event & Venue	For more information
Mon 22 Feb	Australian Geomechanics Society	The Magic of Sands Speaker: Professor David Muir Wood Weatherburn Lecture Theatre University of Western Australia	Visit: www.engineersaustralia.org.au/wa
Thu 25 Feb	Centre for Engineering Leadership & Management WA Chapter	Engineering Leadership in a Rapidly Changing World Speaker: John Grill, CEO, WorleyParsons Perth Convention Exhibition Centre – Ballroom 2	Visit: www.engineersaustralia.org.au/wa
Tue 2 Mar	Oil and Gas Facilities Group	Does Australia really need a pipeline repair club... or are we really "the lucky country"? Speaker: Ray Farrier, Business Development Manager, Nemo Offshore Pty Ltd Auditorium, Engineers Australia WA Division	Visit: www.engineersaustralia.org.au/wa
Wed 3 Mar	The Australian Council of Built Environment Design	Practical BIM: Now and In the Future A practical guide for the professions, builders, government and building owners on the use of BIM and its future development. Perth Convention Exhibition Centre	Register online: www.engineersaustralia.org.au
Mon 8 Mar	Conveyor Design Consultants of WA	Practical Belt Conveying Part 1 – Belt Conveyor Engineering Fundamentals of belt conveyor design with a strong practical bias, including what will and what will not work. Citygate Hotel, Perth	Contact: Nina Lenz nlenz@engineersaustralia.org.au
Tue 9 Mar	Australian Geomechanics Society	Urban Stormwater and Groundwater management for Water Sensitive Urban Design Outcomes Auditorium, Engineers Australia WA Division	Visit: www.engineersaustralia.org.au/wa
Wed 10 Mar	Engineers Australia WA Division	2010 WA Engineering Excellence Awards Breakfast Launch Perth Convention Exhibition Centre	Visit: www.engineersaustralia.org.au/wa
Wed 17 Mar	Engineers Australia WA Division	Chartered Status Workshop A National Assessor delivers a FREE public workshop on the requirements and process involved in becoming a Chartered Professional Engineer Lecture Room, Engineers Australia WA Division	Register online at: www.engineersaustralia.org.au/wa
Sat 27 Mar	Engineers Australia WA Division & BPA Events	Face to Face Expo Engineering students get "Face to Face" with possible employers Robinson Pavilion, Claremont Showgrounds	Exhibitors contact BPA P: (08) 9409 5143
29 & 30 Apr	Electrical Engineering Panel	Down to Earth Conference A conference dedicated entirely to Earthing for Electrical, Electronics, Control & Communication Engineers Sheraton Hotel, Perth	Fiona Thorniley P: (08) 9321 3340 E: fthorniley@engineersaustralia.org.au
Mon 3 May	Royal Aeronautical Society Australian Division & The College Of Electrical Engineering	Eminent Speaker Series: Mr Fred Abbink, General Director, The Netherlands National Aerospace Laboratory Topic: Survival of the Fittest: 90 Years of Dutch Aeronautics – RDT&E in a Globalising Environment Auditorium, Engineers Australia WA Division	Visit: www.engineersaustralia.org.au/eminentspeaker/
5 – 7 May	Centre for Engineering Leadership & Management	Engineering Leadership Conference 2010 Brisbane Convention and Exhibition Centre, Brisbane, QLD	P: +61 7 3844 1138 W: www.engineeringleadership.org
11 & 12 Jun	Australian Geomechanics Society	Ground Improvement Workshop Curtin University	Visit: www.engineersaustralia.org.au/wa
Thu 22 Jul	ATSE/Engineers Australia/ Curtin University of Technology	City to Cape – 2100 Sea-Level Rise Seminar All-day seminar on coping with the likely impacts of sea-level rise on Australia's Southwest Coast – from Perth to Cape Naturaliste – by 2100.	N/A
2 – 8 Aug	Engineers Australia	Australian Engineering Week	Visit: www.engineersaustralia.org.au
Sat 18 Sep	Engineers Australia WA Division	2010 WA Engineering Excellence Awards Dinner Perth Convention Exhibition Centre	Visit: www.engineersaustralia.org.au/wa

Some event dates and times are subject to change. Please check our website www.engineersaustralia.org.au/wa/events for up-to-date information