



# The Sustainable Engineering Society

...engineering in harmony with ecology



Centre for  
Engineering  
Leadership and  
Management

**Monday 13 October 2014**

**Time:** 5:30pm for 6:00pm start

**Venue:**

Hawken Auditorium, Engineering House  
447 Upper Edward St, Brisbane

**Cost:**

Members & students     \$15  
Non Members             \$45  
Please register to assist catering

**PLEASE NOTE: Booking online is recommended.**

**Only Credit Card payments can be accepted at the door.**

**Speaker:**

**Paul Marshall PhD, JD, CPEng.** is the Director of CDRS and has consulted to the oil and gas industry for over 20 years. Combining with his colleagues at *Viability* he is bringing the insights of commitment based management and affect script psychology to real-time, on-line and face-to-face business simulation environments that allow individuals and teams to practice and develop embodied leadership skills.



**Timing:** 45 minutes + Q&A

**Drinks and Networking**

Please join us for a few drinks and light supper after the presentation.

The presentation will count as one hour towards your CPD.

**Presents:**

## Soft skills are not hard

Employers often lament that students and, more worryingly, recent graduates lack the “soft skills” needed to succeed during industrial placements – attributes such as effective communication, pro-active demeanour, orderly management of self and effective team membership and team leadership<sup>1</sup>. This deficiency undermines support for industry engagement programs despite their role as a key element in the formation of young engineers<sup>2</sup>.

In support of the last two cohorts of its BE/ME industrial placement students the School of Chemical Engineering at the University of Queensland has trialled an innovative experiential workshop that recognizes that developing the soft skills needed to be effective in teams is not hard but it can be confronting.

Utilising a unique combination of insights drawn from the fields of commitment based management and affect script psychology, the workshop provided a clear framework for students to apply to the development of their soft skills during their placements.

During this interactive seminar Dr Paul Marshall, who played a key role in the development and delivery of the workshops, will:

- outline some of the key “hard” concepts in the framework that you can adopt to improve your “soft” skills;
- report on early feedback from the workshops including reflections on comments like “Why aren’t all students taught this stuff in first year?”;
- demonstrate some of the experiential components of the workshop that are used to develop competencies in communication, accountability and teamwork.

(1) The Stage 1 Competencies set down by Engineers Australia group these soft skills as “Professional and Personal Attributes”.

(2) Australian Council of Engineering Deans Best Practice Guidelines for Effective Industry Engagement (2013)



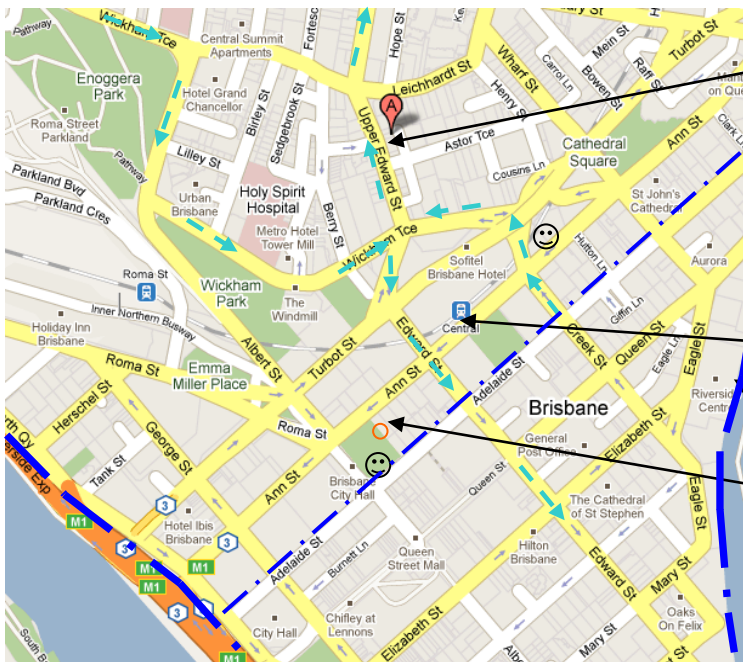
## Drinks and Networking

Please join us for a few drinks and light supper after the presentation.

- For catering purposes **please register by 5pm on Thursday 9 October 2014.**
- Register on-line at the [QLD Division Events Website](http://www.qld.gov.au/division-events)
- Please telephone Qld Division for any registration queries (07) 3832 3749

**The presentation will count as one hour towards your EA CPD.**

## SENG encourages you to travel by public transport.



### Engineering House

447 Upper Edward St

Spring Hill Loop bus  
every 10 minutes until 6pm

Pedestrian - Cycle  
way

Central Train Station

Citycat

Transport  
Information Centre

CityCycle station

For more information go to <http://www.translink.com.au/> or visit the **Transport Information Centre** at King George Square station, Ann Street Concourse.

## Join SENG to take advantage of the lower registration costs.

Annual membership costs to join the SENG are provided below (July 2014):

### Engineers Australia Members (incl GST)

General - \$111.65

Retired - \$63.80

Student (without Journal) - FREE

### Non Engineers Australia Members (incl GST)

General - \$133.65

Retired - \$74.80

Student (with Journal) - \$27.50

For more information about SENG membership, visit the SENG website at:

<http://seng.org.au/membership>

Visit the Engineers Australia Qld website at: <http://qld.engineersaustralia.org.au/>

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