

AUSTRALIAN ENGINEERING WEEK 4-10 AUGUST 2014

ENGINEERS AUSTRALIA SYDNEY DIVISION



ENGINEERS AUSTRALIA

SUNDAY 3

WIE Networking: High Tea

2.30pm – 4.30pm

Listen to our speakers discuss their experiences in the Engineering field and the various challenges and hurdles they have faced as a woman in our industry.

Speakers: Gabrielle Foodey & Dr Erica Smyth

Location: Chifley Hotel, Wollongong

Cost: \$15.00 Members; \$25.00 Non Members

MONDAY 4

SITE TOUR: ResMed Internship Seminar & Manufacturing Tour Supported by IET

10am – 1.30pm

The purpose of this event is to engage the university students with the engineering industry. ResMed will deliver a company presentation, promote student and graduate opportunities and then have a tour of the Manufacturing building.

Location: ResMed, Bella Vista

Cost: FREE

SITE TOUR: Woronora Water Filtration Plant

11am – 2pm

The Woronora Water Filtration Plant provides high quality drinking water to more than 500,000 people, producing 160 million litres of water per day. Please join us for a site tour of the facility to be followed by a BBQ lunch.

Location: Waterfall

Cost: \$15.00 per person

SITE TOUR: Sydney Harbour Bridge Pylon Lookout

2pm

Experience the history of the Sydney Harbour Bridge and view from Sydney's original lookout with this guided tour of the Pylon Museum

Location: Sydney

Cost: \$13.00 per person

LAUNCH EVENT: Harricks Address Sponsored by IET

5.30pm for 6pm

Matt Barrie, CEO of Freelancer.com, will welcome you to the future of business and explain how to seek out opportunity in what is arguably one of the most exciting times in history to be starting or expanding your business. This exciting discussion will be peppered with tips and examples from Barrie's own stellar career as one of Australia's leading technology entrepreneurs.

Speaker: Matt Barrie — Freelancer.com

Location: Museum of Sydney, AGL Theatre

Cost: FREE

TUESDAY 5

Aurecon Bridge Building Competition

9am – 4pm

Aurecon, an engineering, management and specialist technical services consultancy, is running a model bridge competition for year 8 and 9 school students throughout NSW and ACT.

Location: Art Gallery of NSW

SITE TOUR: ANSTO Discovery Tour

2pm – 4.30pm

A tour of Australian Nuclear Science and Technology Organisation offers a compelling insight into the role of nuclear science, technology and engineer plays in the development of life-saving medicine, climate change research, materials engineering and national food security.

Location: Lucas Heights

Cost: FREE

Presentation and Site Tour: Illawarra Flame House

4.30pm – 6.30pm

Come along for a tour and presentation of the award winning Illawarra Flame House at the Innovation Campus, University of Wollongong.

Location: SMART Building, Wollongong University

Cost: FREE for Members; \$20.00 Non Members

The Next Step – Careers Talk Sponsored by Hyder Consulting

5.30pm for 6pm

Want to make it big in the world of engineering? We have brought together some of the best in Engineering and HR to help answer some of your nagging questions about resume building, internships and interview skills.

Location: Chatswood

Cost: FREE

Macquarie University Lecture

6pm – 7pm

Distinguished biomedical engineering scientist and world-leading authority on hearing implants Professor Jim Patrick will present his thoughts on the scope, challenge and opportunity for bioengineering advancements to treat sensory impairment across a range of applications.

Speaker: Professor Jim Patrick

Location: Macquarie University

Cost: FREE

WEDNESDAY 6

Great Engineering Challenge by UNSW Engineering

9am – 3.30pm

High school Students compete in a full day of hands of Engineering Challenges.

Location: Roundhouse, UNSW

SITE TOUR: West Ryde Boiler House

10am – 12pm

Come on a guided tour to the Boiler House and Pumping Station where this facility provided essential water infrastructure that enabled the development of the northern suburbs of Sydney.

Location: West Ryde

Cost: FREE

SITE TOUR: Robots and Unmanned Aerial Vehicles (UAVs)

1.30pm – 3.30pm

The University of Sydney will demonstrate research and laboratory operations at the Australian Centre for Field Robotics (ACFR) and the Unmanned Aerial Vehicles (UAV).

Location: University of Sydney

Cost: FREE

FORUM: Sydney Light Rail Sponsored by NSW Trade & Investment

6pm for 6.30pm

As the CBD and South East Light Rail extension becomes a closer reality, hear from key stakeholders in government, engineering, council and city shapers share their views on what's in it for us, and what Sydney can learn from cities around the globe that have adopted light rail as a key form of transportation.

Speakers: Chris Lock, Bruce Johnson, Monica Barone & Dr Tim Williams.

Location: Powerhouse Museum, Ultimo

Cost: FREE

Q&A Session: The Role of Engineers in our Communities

5.30pm – 8pm

Young Engineers Australia Illawarra invite you to attend the Engineering Q&A session. The topic this year is the role of engineers in our communities.

Location: SMART Building, University of Wollongong

Cost: \$15.00 Members; \$25.00 Non-Members

THURSDAY 7

SITE TOUR: SMaRT Centre and Analytical Centre Labs at UNSW

10am – 12pm

This tour will explore the laboratory equipments used for strength assessment of engineering materials and structures.

Speaker: Professor Veena Sahajwalla & Dr Chris Marjo

Location: University of New South Wales

Cost: FREE

SITE TOUR: Sydney Opera House Tour

1.45pm – 3pm

Join us for a tour of the World famous Sydney Opera House. Learn about the History and the Engineering innovations that have made this one of the most iconic structures anywhere in the world

Speaker: Bob Moffat

Location: Sydney Opera House, Circular Quay

Cost: \$37.00 per person

SITE TOUR: Sydney Harbour Tunnel

9.30pm – 12.30am

Come on a guided tour to see the land tunnels, immersed tube tunnels and underground tunnel ventilation station and learn the current work being done to ensure its 100 year design life.

Speaker: Jacques Calluud — Chief Engineer

Location: North Sydney

Cost: FREE

FRIDAY 8

Chartered Presentation

9.30am – 12.30pm

Engineers Australia, Sydney Division will be conducting a Chartered Presentation which will explain and clarify the process involved in becoming Chartered.

Speaker: Richard Hanna

Location: Chatswood

Cost: FREE

SITE TOUR: RØDE Microphones Supported by IET

10am – 12pm

Come behind the scenes on a guided tour of the RØDE facility in Sydney, for a unique insight into the cutting edge technology that goes into our award winning microphones.

Location: Silverwater

Cost: FREE

Migrant Engineers Workshop

12.30pm – 1.30pm

This presentation will provide skilled migrant engineers guidance and motivation to improve their chances of securing employment in the Australian engineering industry.

Speaker: Richard Hanna

Location: Surry Hills

Cost: FREE

YEAS/EWB Trivia Night

6pm for 7pm

Young Engineers Australia Sydney (YEAS) in association with Engineers Without Borders (EWB) presents you the highly popular annual EWB Trivia Night, with fancy dress theme.

Location: Paddington RSL

Cost: \$20 per person; \$150 table of 10

YEA-I Networking Event

5.30pm – 9pm

Welcome to the final event for Australian Engineering Week in the Illawarra! Come along to network and converse with engineers of all ages, industry representatives, academics and students.

Location: Novotel Hotel Wollongong

Cost: \$30.00 Members; \$50.00 Non Members

SATURDAY 9

Women in Engineering Winter Gala Dinner

6pm for 6.30pm

This black tie affair is a celebration of women in engineering and the closing event for the 2014 Engineers Australia Engineering Week festivities.

Speaker: Kathy Hirschfeld

Location: The Star Room, Darling Harbour

Cost: Member: \$110; Non Member: \$140; Table of 10: \$1,400 (early bird rates apply)

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