



ROYAL
AERONAUTICAL
SOCIETY

AUSTRALIAN DIVISION
SYDNEY BRANCH INC

Vol 2014-10 PO Box 573, Mascot, NSW 2020 ABN 75 134 058 731 Email: sydneybranch@raes.org.au <https://www.facebook.com/groups/RAeSSydney/> www.raes.org.au

NEWSLETTER

NOVEMBER 2014

Date: Wednesday, 26th November 2014

Time: 18:00 for 18:30 hours sharp

Keynote Speaker:

Prof Andy Dong

Warren Centre Chair for Innovation

**Faculty of Engineering & Information
Technologies, The University of Sydney.**

entitled

**'The Importance of Design to
Engineering'**

followed by:

**'University of Sydney verses
University of New South Wales –
Aerospace Design Debate'**

**One venue, two teams, fighting for one prize.
Which University will reign supreme and prove
their aerospace design prowess? You decide!**

**Venue: PNR Farrell Lecture Theatre, J02
Darlington Campus, Uni of Sydney**

Map refer: sydney.edu.au/maps/campuses/?area=CAMDAR (on left hand side of the map search for 'PNR Building' and the red pointer will appear above the location)

Refreshments will be available from 18:00 hours. Attendance will attract 2 CPD hour

Keynote address: Professor Andy Dong's research addresses the central activity of engineering: the design of new products and services. He joined the University of Sydney in 2003 after completing his PhD and postdoctoral training in mechanical engineering at the University of California, Berkeley. He started in the



Faculty of Architecture, Design and Planning as a Lecturer and eventually became the Head of Discipline for the Design Lab. In 2010, he was awarded an Australian Research Council Future Fellowship. He was appointed the Warren Centre Chair for Engineering Innovation in 2012 and joined the Faculty of Engineering & Information Technologies. He is on the Editorial Board of the key journals in design research including Design Studies, Journal of Engineering Design, and Research in Engineering Design.

The Debate: The USYD vs UNSW Aerospace Design Debate will see the top 4th year design groups from the University of Sydney and the University of New South Wales battle it out to determine who has addressed their individual Requests For Proposal (RFP) the best. Each team consisting of two members will have their RFP explained, and then present their design solution. They will then be subject to questions from the opposing team before being quizzed by you in the audience, whose opinion they will have to sway to win the debate. It is the votes of the audience members that will decide the winning team on the night. **Winning team will win \$250.**

The design debate doubles as the Launch Night for the 2014 AIAA Student Paper Conference; hence there will be a chance to interact with some of the top undergraduate students from around the Australia-Asia Region, as well as the design students. The event is sure to be quite an enjoyable night, and a great chance to settle some long held intervarsity disputes. As a break between the two teams presentations there will be a short sharp trivia quiz with the last person standing to receive two movie tickets.

RSVP: Registration for the presentation is essential. Please register by copying and pasting into your URL this link: <https://raesnov14.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **You must print the ticket and present the ticket at the door to gain entry to the event. Please note:** Non members should enter the code **NM** if requested to enter a RAeS membership number.

Light Supper: *Following the presentation and debate challenge, light supper will be provided to allow the opportunity to mingle and continue the debate.*

Parking: is available in the Shepherd Street multi-story car park, located on the corner of Cleveland St and Shepherd St. The rate is \$2 per hour (up to \$6 maximum), but note that only gold coins are accepted in some machines. Parking is also available in University of Sydney On-Campus Parking for \$2 per hour (up to \$6 maximum). Additionally, free parking is available in surrounding streets. Please observe parking restrictions and allow time to drive to the University of Sydney, park, and walk to the venue.

Public Transport: The closest train station is Redfern station, which is a 10 minute walk away from the venue. Buses 422, 423, 426, 428, 370 and 352 all go past the University of Sydney (on City Road). From Railway Square near central station any 42X bus (e.g. 422, 426...) and the M30 will take you to the University. These buses come quite frequently at that time of night (every 2-5 minutes). But allow time to travel by public transport, including waiting time, and time to walk to the venue. Please refer for further details: www.sydneybuses.info/routes/timetables-route-maps

2014 Diary: 13 Nov: SADIG's Autonomous Systems – 'Transforming our Future!' 8:45 – 13:00 hours, NSW Trade & Investment, Level 47 MLC Centre, Martin Place, Sydney. Cost \$40 which includes a networking lunch. For further details refer: john.pearson@rdasydney.org.au

24-28 Nov: Engineers Australia Convention 2014: Our Voice, Our Future. Refer: www.engineersaustralia.org.au/events/convention-2014-our-voice-our-future for further details

1 Dec: Airbus 'Fly your ideas for 2015' closing 1st Dec, 2014. Refer for details: www.airbus-fyi.com

9 Dec: Annual General Meeting. Details – refer page 2

18 Feb, 2015: Retired Capt Eric Moody – Capt of the 1982 British Airways Flight 9 incident - discussing 'Gliding the Boeing 747'

24-27 Feb: The Australian International Aerospace Congress (AIAC) series is the pre-eminent aerospace forum in the region and is held in conjunction with the Australian International Airshow in Avalon. The 16th in the series, AIAC16 has been organised to provide significant technical and business opportunities for aerospace professionals worldwide, but particularly for those in the Australasian region. AIAC16 will be held over 4 days. The first two

days will comprise of "Written Paper Presentations" at the Melbourne Convention Centre from the 23-24 February, 2015; and the second two days will comprise of "Application Technology Presentations" in conjunction with the Australian International Airshow and Aerospace and Defence Exposition from 25-26th Feb at Avalon. The theme for this congress is "Multi-National Aerospace Programs – Benefits and Challenges". Refer for details: www.aiac16.com/index.php/program/call-for-submissions

24 Feb-1 March: Australian International Airshow and Aerospace & Defence Exposition, Avalon Vic. 'Call for Volunteers Avalon 2015' recently made. Refer for further details: <http://www.airshow.com.au/airshow2015/TRADE/index.asp>

4-7 May: AUVSI's Unmanned Systems 2015 Conference being held Georgia World Congress Center, Atlanta USA. Refer: www.auvsishow.org/auvsi2015/public/Content.aspx?ID=1581&sortMenu=104001

8-10 June: 2015 Global Connected Aircraft Summit, Westfield Marriott Washington Dulles. Refer for further details: www.gcasummit.com

The Annual General Meeting of the Royal Aeronautical Society Australian Division Sydney Branch Inc to be held Tuesday 9th December 2014 commencing 18:00 sharp , '3 Wise Monkeys' Pub, 555 George St, Sydney (2nd storey)
(Three blocks down George St from Town Hall Station towards Broadway on the right hand side)

2014 Annual General Meeting Agenda

PRESENT: Members to sign attendance book.
APOLOGIES: **PREVIOUS MINUTES:** Minutes of the 2013 AGM, discussion and motion to accept.
BUSINESS ARISING: Discussion and motion to accept.
CHAIRMAN'S REPORT: Annual Report, discussion and motion to accept.
TREASURER'S REPORT: Presentation of 2014 Financial Statement. (Audited report will be sent with the February, 2015 Newsletter). Discussion and motion to accept.
ANNUAL ELECTIONS: The Hon Secretary to report on Nominations received for the classes of Committee by the due date 18th November 2014 and, should there have been more Nominations received than positions available for any of the classes, the result of elections.
APPOINTMENT OF HONORARY AUDITOR: Mr Stephen Howard, Harrison and Howard.
GENERAL BUSINESS: Any business raised and accepted by the Chairman.
CLOSE OF AGM: Thank you for attending the AGM and the Committee looks forward to your continued support in 2015.

Commencing 18:30 hours sharp EIGHT SHORT PRESENTATIONS entitled: "The Three Wise Monkeys' Go Flying – Hot Aeronautics and Cool Beer" supplemented with 'cool beer and pizzas'

The Committee wishes you all the best for the Festive Season and the New Year.

2015 Committee Nomination Form

Send to: The Honorary Secretary, RAeS Aust Division Sydney Branch, 88 Trafalgar Street, Annandale, NSW 2038 or Email: sydneybranch@raes.org.au (please ensure that Nomination Forms have been correctly signed)

The Sydney Branch Annual General Meeting is to be held on Tuesday 9th December 2014, at 18:00, the 3 Wise Monkeys' Pub, 555 George St, Sydney. In accordance with the Branch Rules of the Sydney Branch of the Royal Aeronautical Society, nominations for the Committee are called and shall be made in writing and signed by one member of the Branch and countersigned by the Nominee. The Committee consists of one Chairman, 11 Ordinary Committee Members and 2 Student Representatives (in total 14 people).

Please forward completed Nomination Forms to the Branch Honorary Secretary at the address above by Tuesday, 18th November, 2014 which is at least twenty one (21) days prior to the 2014 Annual General Meeting.

I(Nominator's Full Name)
of(Nominator's Address)
nominate(Nominee's Full name)
of(Nominee's Address)

as an: Ordinary Committee Member / Student Representative / Chairman (*delete 2 of these classes as appropriate*) for the Sydney Branch of the Royal Aeronautical Society for the Year 2015.

Signed:**Date:****Member Number:**.....(Nominator)

Signed:**Date:****Member Number:**.....(Nominee)

Tel contact: (Nominee) **email:**(Nominee)

NOTE: PLEASE USE ONE FORM FOR EACH NOMINATION

Office Use Only: Nomination received by the Sydney Branch Hon Sec: (Initials) (Date)
