



# NEWSLETTER

Sydney Branch: **NOVEMBER 2009**

PO Box 573, Mascot, NSW 2020

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[www.raes.org.au](http://www.raes.org.au)

Date: **Wednesday 25<sup>th</sup> November, 2009**

Time: **18:15 for 18:30 hours**

Speaker: **Dr. KC Wong, Senior Lecturer of Aerospace Engineering, The University of Sydney**

Topic: **'Unmanned Aircraft Systems (UAS) - an Aeronautical Perspective'**

Venue: **Rupert Myers Theatre, University of NSW, Kensington**

**Profiles:** Dr. KC Wong is one of the recent pioneering Unmanned Aircraft Systems (UAS) researchers in Australia, having been working on UAS airframe design, instrumentation, control, system integration, project management, and applications since 1988. A senior lecturer of Aerospace Engineering at The University of Sydney, he also leads a small team undertaking research on Unmanned Airframe Systems, and has presented his team's work on UASs at many international conferences, and to various aerospace companies. With national and international involvement in this field, Dr Wong is currently the interim President of the Australian affiliate of the Association for Unmanned Vehicle Systems International (AUVSI), which promotes the advancement of unmanned systems. He is currently also the Director for Undergraduate Studies, coordinator for the Aeronautical Engineering discipline, and the President of the R.W. McKenzie Resource Centre for Teaching and Research in Aeronautical Science and Technology in the School of Aerospace, Mechanical and Mechatronic Engineering. He teaches courses and supervises research students in aircraft design and aerospace engineering, and actively seeks to motivate the next generation of UAS and aerospace engineers. Dr Wong has recent international collaborations on UAS R&D with researchers in France, Mexico, Korea, and Singapore.

**Synopsis** Following on from his last talk to the Sydney Branch just over 5 years ago, Dr KC Wong will focus more on some Unmanned Aircraft Systems (UAS) airframe development challenges, taking possibly some lessons from aviation history to anticipate how the industry would progress. He will show some of the recent airframe system developments and technology challenges which could be considered significant from an aeronautical perspective.



**Parking** Limited parking is available in surrounding streets with paid parking within the University of NSW car park tower, entry from Barker Street. Please observe parking restrictions and allow time to drive to the University of NSW, park and walk to the venue. (Refer map)

**Catering:** After the presentation KC will join us for dinner as a guest of the committee. All members and visitors are invited to attend the dinner to be held at Ratu Sari Indonesian Restaurant, 470 Anzac Parade, Kingsford. (approx \$30 pp including soft drink and wine.)

**RSVP:** Dinner bookings are essential. Please email by lunchtime Wednesday 25<sup>th</sup> November: [sydneybranch@raes.org.au](mailto:sydneybranch@raes.org.au)

**Diary 2009** 28-29 Nov; 30-31 Jan, 2010; 10-11 April; 5-6 June; 14-15 Aug: Temora Aviation Museum Flying Weekends. [www.aviationmuseum.com.au](http://www.aviationmuseum.com.au)

**9 December:** AGM and joint meeting with the Aviation Historical Society of Australia on the 100<sup>th</sup> anniversary of the first powered straight line flight in NSW by Colin Defries on a Wright Model A, at Victoria Park Racecourse, Sydney. Venue: The Powerhouse Museum. Guest speaker: Mr David Craddock.

## Aerospace Websites

[www.57rescuecanada.com](http://www.57rescuecanada.com): Follow Capt. Karl Kjarsgaard's adventures to recover Halifax bomber LW170 which is resting beneath 5000ft of water off the Irish coast.

[www.airshow.com.au](http://www.airshow.com.au)

[www.atsb.gov.au](http://www.atsb.gov.au): The Australian Transport Safety Bureau is responsible for investigating accidents and other transport safety matters.

<http://www.adastron.com/707/updates/updates.htm>:

The diary for Boeing 707- 138B XBA formally Qantas EBA is now available to all – just follow the links.

[www.powerhousemuseum.com/whatson](http://www.powerhousemuseum.com/whatson)

[www.widebayairshow.com.au](http://www.widebayairshow.com.au)

**RAES Coffee Mugs and lapel pins:** Sydney Branch coffee mugs and lapel pins available at Branch meetings for \$10 each.

**Your Committee 2008:** David Adkins (Chairman), Peter Marosszeky (Secretary), Jeff Lock (Hon Treasurer)

Ross Barkla, Fred Burke, Graeme Cleary, Andrew Drysdale, Peter Lyons, Tom Nott, Adam Purcell, Shaun Trimby, Matthew Williams

Web co-ordinator: David Adkins

Editor: Jeff Lock ([jeff.lock@bigpond.com](mailto:jeff.lock@bigpond.com))

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**The Annual General Meeting of the Royal Aeronautical Society – Australian Division, Sydney Branch Inc** will be held on Wednesday 9<sup>th</sup> December 2009, commencing at 18:30 hours, Powerhouse Museum, 500 Harris Street, Ultimo.

**AGM AGENDA**

**PRESENT:** Members to sign attendance book.

**APOLOGIES:**

**PREVIOUS MINUTES:** Minutes of the 2008 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 2009 financial statement. (Audited report will be sent with the February Newsletter.) Discussion and motion to accept.

**ANNUAL ELECTIONS:** Elections for the 2010 Committee - in accordance with the Sydney Branch Rules.

**APPOINTMENT OF HONORARY AUDITOR:** Mr John Mayger

**GENERAL BUSINESS:** Any business raised and accepted by the Chairman.

**CLOSE OF MEETING:** Thanks to all attending, best wishes for the Festive Season, Close of AGM.

Refreshments will follow the conclusion of the AGM and prior to the start of David’s presentation.

**PRESENTATION: Mr David Craddock MRAeS**, Centenary of Powered Flight in Australia. (Joint meeting (To commence 19:45 hours) with the Aviation Historical Society of Australia, New South Wales Branch)

Peter Marosszeky  
HONORARY SECRETARY

**2010 Committee Nomination Form**

As required by Branch Rules of the Sydney Branch of the Royal Aeronautical Society, nominations for **THE COMMITTEE** shall be made in writing and signed by one (1) member of the Branch and countersigned by the **NOMINEE**.

**Please forward completed Nomination Forms to the Branch Secretary at the address above by Wednesday, 18th November, 2009 which is at least twenty one (21) days prior to the 2009 Annual General Meeting.**

The Sydney Branch AGM is to be held 18:30 hours, Wednesday, 9<sup>th</sup> December 2009 at the Powerhouse Museum, 500 Harris Street, Ultimo.

I ..... (Nominators Full Name)  
of ..... (Nominators Address)  
**nominate** ..... **(NOMINEES FULL NAME)**  
**of** ..... **(NOMINEES ADDRESS)**

as a Committee Member/Chairman (*Delete as appropriate*) for the Sydney Branch of the Royal Aeronautical Society for the Year 2010.

**SIGNED:** ..... **DATE:** ..... **(NOMINATOR)**

**SIGNED:** ..... **DATE:** ..... **(NOMINEE)**

**BUSINESS TEL:** ..... **(NOMINEE)** **HOME TEL:** ..... **(NOMINEE)**

**E-MAIL ADDRESS:** ..... **(NOMINEE)**

**NOTE: PLEASE USE ONE FORM FOR EACH NOMINATION**

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**Office Use Only:** Nomination received by the Sydney Branch Secretary: ..... (*Initials*) ..... (*Date*)

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