



National Security and Societal Implications of Remotely Piloted Aircraft Systems (RPAS) and Related Technologies

Speaker: Phillip Hall

Thursday 30 April, 6pm for 6:15pm start

Law Building (F8)

Staff Common Room, Level 2, end of corridor

Parking station at Barker St Gate 14

University of New South Wales Kensington Campus

Public welcome — no entry charge

RSVP: Lyria Bennett Moses (lyria@unsw.edu.au)

In this talk, Philip will give an update of considerations arising from two recent expert workshops on the topic that he organised and chaired in Melbourne (29-30 September 2014) and Washington DC (20-21 March 2015). He will also provide an overview of the recent UAE Government 'Drones for Good' Award held in Dubai and for which he was a finalist judge (5-8 February 2015), and the ICAO RPAS Symposium, which he attended in Montreal (23-25 March 2015) as a guest of the ICAO RPAS Program Office. A key thread of the talk will be the legal and civil liberties challenges that have been identified.

About IEEE-SSIT

The IEEE is a voluntary organisation with more than 350,000 members. The SSIT has about 2000 members in 56 countries worldwide and growing. The Society focuses on the impact of technology on society, including both positive and negative effects, the impact of society on the engineering profession, the history of the societal aspects of electrotechnology, and professional, social and economic responsibility in the practice of engineering and its related technology.

SSIT publishes a quarterly journal, IEEE Technology & Society magazine (free with your Membership).

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Speakers Bio

Philip provides strategic business and project management services to major companies, organisations and government agencies. Specialising in integrating business, science and technology in the design, development and delivery of practical solutions to complex issues, his expertise is founded on over 30 years senior management experience across a diverse range of industries.

He is also a Principal Fellow in the Department of Electrical and Electronic Engineering at The University of Melbourne where he participates in collaborative international research programs focused on the practical application of emerging technologies. Previously he held tenures as Adjunct Professor at The University of Western Australia (2011 to 2015), and The University of the South Pacific (2008 to 2010).

Philip is a Fellow of both the Australian Institute of Management and Engineers Australia, and a Senior Member of the Institute of Electrical and Electronic Engineers (SMIEEE). In IEEE he is a member of the Aerospace and Electronic Systems Society (AESS) and the Society on Social Implications of Technology (SSIT). In AESS he is Vice Chair of the Unmanned Airborne Vehicle (UAV) Technical Panel, and in SSIT he is the immediate past-Chair of the SSIT Australia Chapter, a Distinguished Lecturer, and an elected member of the Board of Governors where he is Chair of both the Distinguished Lecturer Program and the Conference and Events Program.

In March 2015 he participated in the International Civil Aviation Organisation (ICAO) Remotely Piloted Aircraft Systems Symposium in Montreal as a guest of ICAO, and was a finalist judge for the United Arab Emirates Government 2015 'Drones for Good' Award. He recently organised and chaired two exclusive 2-day seminars sponsored by IEEE and several Australian and United States academic institutions to consider the National Security and Societal Implications of Remotely Piloted Airborne Vehicles and Related Technologies (September 2014 in Melbourne, and March 2015 in Washington DC, USA). In August 2013 he co-chaired a high-level roundtable sponsored by the Australian Government to consider the role of new technologies in Securing Australia's Future.