

Swinburne Aviation Industry Seminars Wednesday 9 February to Friday 11 February 2011

SWINBURNE
UNIVERSITY OF
TECHNOLOGY



The Aviation Seminar Series, a key event at Swinburne University of Technology, has established a firm foothold in the aviation industry calendar. Originally designed as a major component of our postgraduate programs in Aviation (Management) and Aviation (Human Factors), we have recognised the benefits to those organisations and professionals who wish to broaden their industry knowledge. We are delighted to offer complimentary places to industry and to Swinburne undergraduate and postgraduate students. Attendees need to register for their preferred sessions on our website at www.swinburne.edu.au/engineering/aviation/seminars/. Capacity limitations may apply.

About the seminars

The seminars are an excellent opportunity to gain an advanced understanding of the changing nature of the aviation industry. The seminar topics are refreshed annually and serve to both complement and broaden our extensive postgraduate program material. In 2011 the topics include technological and manufacturing aspects of the Boeing 787, aviation risk management strategy, stall recovery procedures and training, safety and fuel, airspace flow management, MPL training and acceptance issues, the role of fixed and rotary wing aircraft in bushfire management, airworthiness management of unmanned aircraft, as well as a comprehensive program in relation to contemporary human factors challenges. Participants enjoy the chance to interact with international and local experts drawn from major aviation organisations as well as meet with many industry personnel. Of course, our Postgraduate Aviation students also

benefit greatly from meeting authors and tutors involved in delivering our programs as well as academic staff and fellow students.

Swinburne Aviation

Our Aviation Program staff have extensive industry backgrounds, including experience in International airline executive management, regulation and policy, flight crew, aerospace engineering (design/manufacturing/maintenance), airline operations and aviation medicine.

These levels of experience have enabled us to develop a range of industry-focused programs balanced across a range of disciplines. With the ever-increasing strategic and commercial importance of aviation and air transportation in Australia and across the world, Swinburne Aviation continues to expand its range of undergraduate and postgraduate programs, addressing contemporary and future issues in this critical industry. The development of

these programs emphasises the guiding principles of safety, legality and compliance, and business profitability.

Industry Advisory Committee

Driving the direction and activities of Swinburne Aviation is our Industry Advisory Committee which comprises senior executives from the aviation industry within Australia and overseas who, in conjunction with academic staff, review and guide the direction and content of current undergraduate and postgraduate programs. They also provide advice on the accreditation of new programs. The Chairperson is elected annually from the external members and, on accreditation matters, provides advice to the Academic Board of the University. This ensures that the content of all aviation programs is relevant to the changing needs of industry. The program for the Seminar Series has received unanimous endorsement from the Advisory Committee.

Seminar accommodation and refreshments

There is a range of competitively priced accommodation close to the University, including local hotels and Swinburne's own student residences. Other hotels, of course, are located in the City of Melbourne, only fifteen minutes away. During the seminars, we are pleased to offer coffee before the first session, and complimentary morning teas and lunches during each day. There is also a wide selection of very good eating places within walking distance.

Our industry Sponsors and supporters

We are extremely grateful to our highly valued industry sponsors and supporters who enable this program to be run each year.

WHAT OUR PARTICIPANTS SAY ABOUT THE SEMINAR SERIES

"excellent content and delivery"
"insight into relevant issues"
"informative and entertaining"



Program

Wednesday 9 February 2011

0800	Registration/coffee	
0845	Opening address	
0915-1030	1	BOEING AUSTRALIA – Technology and Manufacturing Contribution to the Boeing 787
1030-1100	Morning tea (provided)	
1100-1215	2	SHELL AVIATION – Refuelling: A Safety Journey
1215-1330	Lunch (provided)	
1330-1500	3	FSF/BHP – BARS –The Resource Industry Risk Management Standard for Aviation
1500-1515	Break	
1515-1645	4	Office Of Transport Security / Mark Wylie – Trends/Issues in Aviation Security
1515-1645	5	JETSTAR – The Less Paper Cockpit (LPC) and Electronic Flight Bag (EFB) in the A320

Thursday 10 February 2011

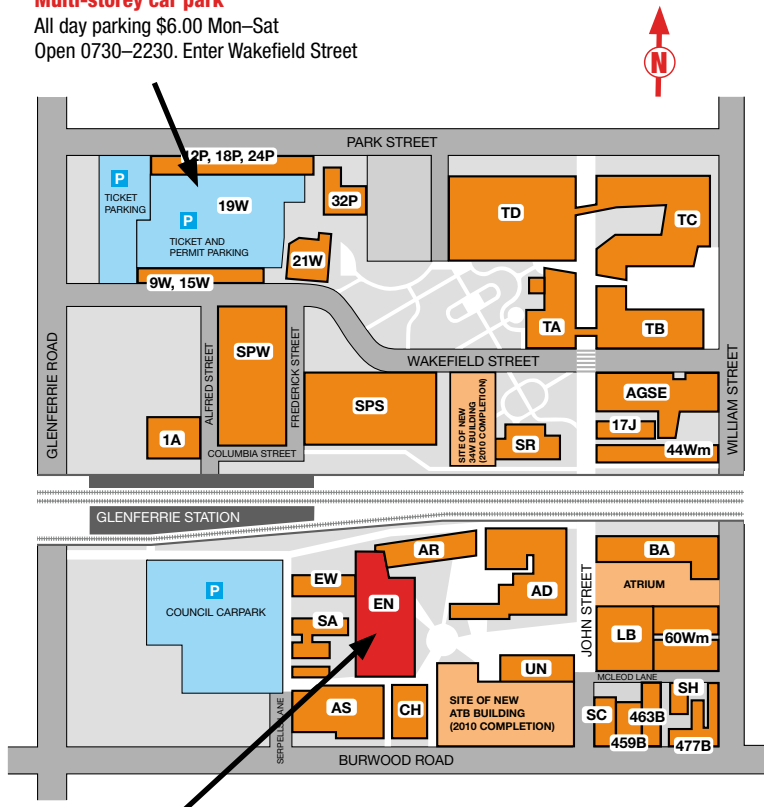
0830	Coffee	
0900-1030	6	AIRBUS INDUSTRIE – Stall Recovery Procedures and Training
1030-1100	Morning tea (provided)	
1100-1230	7	THALES – Flow Management in Aircraft Operations
1230-1315	Lunch (provided)	
1315-1445	8	John King – Airline Consolidation: Mania or Panacea
1315-1445	9	Contemporary Human Factors Challenges in Air Transport Operations (PT1)
1445-1500	Break	
1500-1630	10	OXFORD – Development and Implementation of MPL Training and Acceptance in Airlines
1500-1630	11	Contemporary Human Factors Challenges in Air Transport Operations (PT2)

Friday 11 February 2011

0830	Coffee	
0900-1030	12	DSE / Terry McMahon – The Role of Aircraft and Helicopters in Bushfire Management
0900-1030	13	Developments and Emerging Trends in Human Factors (PT1)
1030-1100	Morning tea (provided)	
1100-1230	14	NOVA SYSTEMS – Airworthiness Management of Unmanned Aircraft Systems in the Absence of Certification Standards
1100-1230	15	Developments and Emerging Trends in Human Factors (PT2)
1230-1315	Lunch (provided)	
1315-1445	16	ATSB – Developments in Flight Recorders
1445-1500	Break	
1500-1630	17	AIRSERVICES AUSTRALIA – Environmental Air Traffic Management Initiatives

Multi-storey car park

All day parking \$6.00 Mon-Sat
Open 0730-2230. Enter Wakefield Street



Engineering Building (EN)

Enter via east door

Seminar Series venue

The 14th Annual Swinburne Aviation Seminar Series will be held in the Engineering and Science Building (EN) from Wednesday 9 February to Friday 11 February, 2011 at the Swinburne University of Technology, Hawthorn Campus, Melbourne. The Hawthorn Campus is located about 7kms from the centre of Melbourne, is easily accessible by public transport (Glenferrie Station) and has convenient car parking nearby (Wakefield Street multi-storey car park).

Our audience

Attendees at the seminars come from many areas of the aviation industry such as airlines, airports, regulatory authorities, government, defence, and training operators. However, increasingly, personnel from other industries such as medical, power supply, marine and rail are drawn to the comprehensive range of topics and the high calibre of presenters.

Our seminar presenters

We acknowledge the major contribution of our team of international and local presenters to the quality and relevance of our seminar topics. Their willingness to make their time available affirms recognition of the importance of our industry driven programs. All are experts in their particular fields who bring a wealth of industry and academic experience, providing valuable insight into current issues.

Further information

Seminar enquiries: Dr Peter Bruce
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Register online at
www.swinburne.edu.au/aviation/seminars

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