



The School of Aerospace, Mechanical and Manufacturing Engineering,
RMIT University invites you to a Public Forum on Unmanned Aerial Systems

Date: Tuesday 24 January 2012

Venue: Emily McPherson Building (Building 13, Level 3, Room 7), 379-405 Russell Street

Time: 5.00pm for a 5.30pm start –7.30pm

Light refreshments will be available

Hosted By:

Prof Aleksandar Subic

Head of School

School of Aerospace, Mechanical and Manufacturing Engineering
RMIT University

Moderated By:

Prof Kevin Massey

Discipline Head—Aerospace and Aviation

School of Aerospace, Mechanical and Manufacturing Engineering
RMIT University

Guest Speaker:

Major General Michael C. Kostelnik

USAF (Ret.) Assistant Commissioner,
U.S. Customs and Border Protection

Guest Speaker:

Dr Peter Maguire

Director Emerging and Integrated Systems
Lead Unmanned Aerial Systems
Department of Defence

Guest Speaker:

Mr Walt Kreitler

Director of Broad Area Maritime Surveillance (BAMS)
UAS Business Development
Northrup Grumman

Guest Speaker:

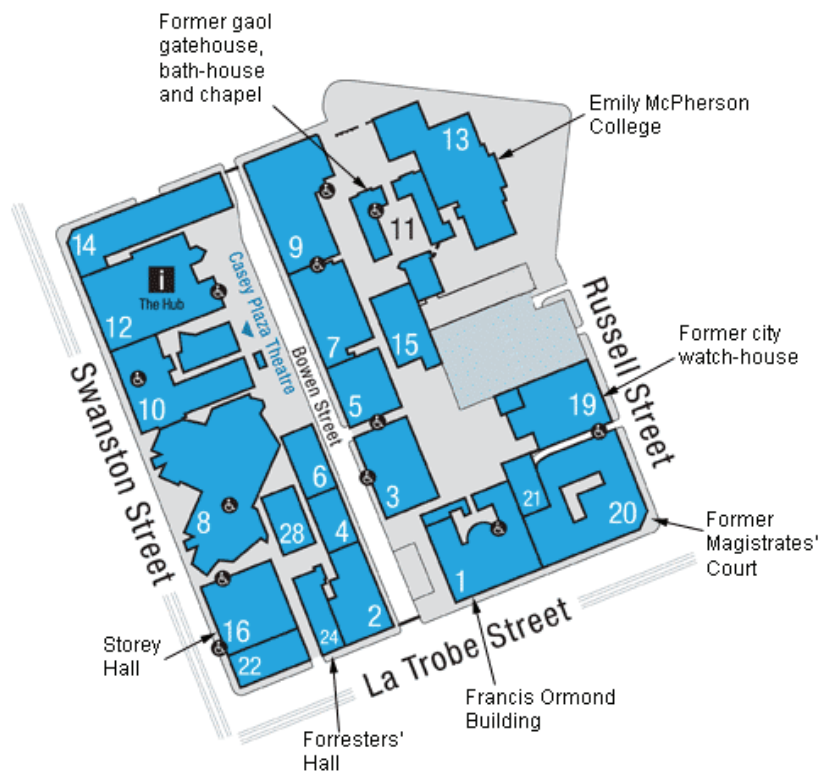
Mr Jack Kormas

Chief Operating Officer
Aerosonde Pty Ltd

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Agenda

5.30pm Welcome and Opening Remarks

Prof Aleksandar Subic - Head of School of Aerospace, Manufacturing, and Mechanical Engineering

5.35pm Unmanned Aircraft Systems and the Homeland Security Mission

Major General (ret USAF) Michael C. Kostelnik

Michael C. Kostelnik, Major General, USAF (Ret.) is the Assistant Commissioner, U.S. Customs and Border Protection, Office of Air and Marine. The Office of Air and Marine is the world's largest aviation and maritime law enforcement organization with more than 1,200 Federal Agents, operating from 80 air and marine locations, with more than 290 aircraft of 26 different types, and 251 marine vessels. The Office of Air and Marine is also the most experienced operator of Unmanned Aerial Systems in the Homeland Security missions on the world stage. The mission of the Office of Air and Marine is to protect the American people and Nation's critical infrastructure through the coordinated use of integrated air and marine forces to detect, interdict and prevent acts of terrorism and the unlawful movement of people, illegal drugs and other contraband toward or across the borders of the United States.

General Kostelnik has worked for more than 40 years in government service. From 2002 to 2005, he served as the Deputy Associate Administrator for Space Station and Space Shuttle. While at NASA, he was responsible for the Nation's human space flight program, operating the fleet of U.S. Space shuttles, and leading a 19 nation member team continuing development of the International Space Station. Prior to joining NASA, he spent more than 32 years on active military duty with the U.S. Air Force (USAF) serving as a fighter pilot, flying F-4 and F-15 aircraft. During a prominent career in fighter operations, and research, development and test he has accumulated more than 3,300 hours of flight time in more than 60 different types of aircraft.

5.55pm Defence UAV Capability Development

Dr Peter Maguire - Dir. Emerging and Integrated Systems, Lead Unmanned Aerial Systems,
Department of Defence

Dr Peter Maguire is the Director of Emerging and Integrated Systems for Capability Development Group in the Department of Defence. Dr Maguire also leads the Defence UAS (Unmanned Aerial Systems) Planning Team that coordinates UAS acquisition and experimentation across Defence.

6.10pm Brief History of Northrup Grumman Unmanned Aerial Systems

Mr Walt Kreitler - Director of Broad Area Maritime Surveillance (BAMS) UAS Business Development

In his presentation, Mr Kreitler will outline Northrup Grumman's heritage and leadership in the advancement of unmanned aerial system technology. He will discuss briefly the company's role in the development of pioneering unmanned air vehicles before outlining current activities in the design and development of unmanned systems which span from tactical to strategic applications.

6.25pm Technology Development of Small UAS

Mr Jack Kormas - Chief Operating Office, Aerosonde Pty Ltd

Chief Operating Officer of Aerosonde Pty Ltd, which is Australia's only fully productionised commercial small UAS company which has expertise in Engineering UAS research and development in both civil and military environments. Jack has wide Australian and International experience across various aerospace sectors. He is a graduate of RMIT University in Aerospace Engineering and has completed a Masters of Business Administration from APESMA/Latrobe University.

6.40pm Q&A Panel Session moderated by Prof Kevin Massey

7.00pm Closing Remarks: Prof Kevin Massey