

Start Time	End Time	Activity	Presenter	Country	University	Topic
09:00	09:30	Welcome / Introduction by Con Doolan, UNSW				
09:30	10:00	Presentation Set 1 (M and M)	Riboli	Italy	Università degli Studi di Napoli Federico II	Store Separation Predictions for Weapon Integration on a Fighter Type Aircraft
			Zaman	United Kingdom	Queen Mary, University of London	Computational Aerodynamic Analysis of Hypersonic Flow over 2D Axisymmetric Space Re-Entry Vehicle with Euler and RANS models
10:00	10:05	Break				
10:05	10:35	Presentation Set 2 (UG and UG)	Wotherspoon	Australia	UNSW	The Effect of Riblets on Trailing Edge Noise
			Sentoso	United States	International University Liaison Indonesia	Development and Analysis of 2D Flight Planning Search Engine Program by Considering Fusion of SWIM Data
10:35	10:50	Break				
10:50	11:20	Presentation Set 3 (UG and M)	Vila	Australia	UNSW	Digital Image and Pressure Analysis of Supersonic Aerospike Instability Frequency
			Agrawal	Australia	UNSW	Effect of a leading-edge fillet on wall pressure fluctuations associated with flow past an appendage-body junction
11:20	11:25	Break				
11:25	11:55	Presentation Set 4 (UG and M)	Danishi	Japan	University of Tsukuba	Research on rotor blades and their optimum shapes in Mars exploration UAV
			Xie	Australia	RMIT	Explainable Artificial Intelligence Algorithm for Decision Supporting System in Aircraft/UAS Trac Management and Urban Air Mobility
11:55	12:40	Lunch				
12:40	13:25	Activity				
13:25	13:55	Presentation Set 5 (UG and M)	Moonen	Australia	RMIT	Powerplant Hybridisation of a High-Altitude Mountain Rescue Helicopter
			Jiaqi	China	Shanghai Jiao Tong University	Advanced Tether-nets Satellites for Removing Space Debris from LEO
13:55	14:00	Break				
14:00	14:30	Presentation Set 6 (M and M)	Asalani	Indonesia	Institut Teknologi Bandung	RLS-based Indirect Adaptive Model Predictive Control for Aircraft Application as MIMO Systems
			Biswal M	India	Pondicherry University	Statistical Reliability Analysis of Interplanetary Spacecraft Operating at different Interplanetary Extremity
14:30	14:35	Break				
14:35	15:05	Presentation Set 7 (UG and M)	Kulkarni	India	N/A	Conceptual Design for Quantum Propulsion
			Alberto	Australia	UNSW	Aero acoustic Impact of Propeller Tip Geometry on Low Reynolds Number UAV Propellers
15:05	15:20	Concluding Remarks				

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10:00	10:15	Welcome / Introduction				
10:15	10:45	Presentation Set 1 (UG and UG)	Lim	Australia	UNSW	Aeroacoustics of Aerofoils Inspired by Insect Wing Geometry
			Reed	Australia	Australian Defence Force Academy	The Influence of Inlet Geometry of Circular Reflectors on Pressure Amplification in Shock Wave Focusing
10:45	10:50	Break				
10:50	11:20	Presentation Set 2 (UG and M)	Yanez	Australia	UNSW	Aerodynamic Performance of Passive Noise Reducing Wingtips
			Naka	Japan	University of Tokyo	Prediction of Space and Time Distribution of Wax-based Fuel Regression Rate in a Hybrid Rocket Considering Radiation from Soot Particle
11:20	11:35	Break				
11:35	12:05	Presentation Set 3 (UG and M)	Segrovets	Australia	University of Queensland	Comparison of Transport Property Models for Gas Giant Planetary Entry Simulations
			Guan	Australia	University of Sydney	A Swashplateless Bicopter Using Underactuated Propulsion Unit
12:05	12:50	Lunch				
12:50	13:20	Presentation Set 4 (M and M)	Zohary	Malaysia	International Islamic University	Effective Implementation of Micro blowing on Airfoils
			Arif	Indonesia	Institut Teknologi Bandung	Failure Identification and Fault Tolerant Control of Passenger Aircraft
13:20	13:25	Break				
13:25	13:55	Presentation Set 5 (UG and M)	Shaw	India	SRM University	Performance Evaluation of Biomimicry inspired Whale's Fin in Cessna 172 Skyhawk Wing
			Kini	India	Queen Mary, University of London	Computational Modelling of Underexpanded Jets
13:55	14:00	Break				
14:00	14:30	Presentation Set 6 (M and M)	Xia	Australia	Monash University	Examining the Effect of Particle Seeding Density, Propagation Distance and Velocity Gradients on 4D Digital Holographic PIV/PTV Measurements
			Ma	Australia	UNSW	Aeroacoustics and aerodynamics of flow over a forward-backward facing step
14:30	15:15	Virtual Tours				
15:15	15:45	Keynote Speaker Brad Wheatley (Lockheed Martin)				
15:45	16:30	Presentation of Awards & Concluding Remarks				