

ICAS 2016 Oral Session Titles

Date	Time		Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7	Track 8	Track 9	Track 10	Track 11	Track 12
26 Sep. (Mon.)	10:30-12:00	1	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1
			Unconventional Aircraft	Fluid-Structure Interaction	Experiments in Flow Control	Super- and Hypersonic Aerodynamics 1	Avionics & Real Time Monitoring	Structural System Design	Advanced Engines 1	Flight Control 1	UAV Control 1	Experiments on Basic Flows	Network Operations	ISABE 1
	13:00-14:30	2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2
			MDO Application	Vortical Flows	Intake Aerodynamics	Super- and Hypersonic Aerodynamics 2	Thermal Modeling	Loads	Advanced Engines 2	Flight Control 2	UAV Control 2	Synthetic Jets	Formation Flight	Experimental
27 Sep. (Tue.)	10:00-12:00	3	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3
			Design Method 1	CFD Applications 1	Wing Aerodynamics	Vortical Flow	Operations & Sustainment 1	Structural Design 1 SHELLS	Fan & Compressors: MDO	Flight Control 3	UAV Test & Integration	Flow Separation and Control	Airport Capacity	Vehicle Optimization and Design
	14:00-15:30	4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4
Innovative Concept-Super Heavy Cargo			CFD Applications 2	Wind Tunnel Technology	Propeller/Wing Aerodynamics	Landing Gear & Taxiing	Structural Design 2 BLADES	Hybrid / Electric Propulsion	Flight Optimization	UAV Design Configuration 1	Lateral Jets	Environment Friendly Operations	Estimation and Testing	
	16:00-18:00	5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5
			Education	High AOA and Unsteady Aerodynamics	Flow Visualisation 1	Special Topics	Modeling and Tests of Systems & Subsystems 1	Structural Design 3	Turbines	Flight Dynamics & Identification	Operations & Sustainment 2	Transition Forcing and Control	History of Aeronautics	Boundary Layer Asymptotic Analysis
28 Sep. (Wed.)	09:30-12:00	6	1.6	2.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6
			Design Method 2	Current Developments in CFD	High Lift/Multielement Aerodynamics	Design Optimization 1	Advanced Materials	Aeroelasticity 1	Inlet, Fan and Compressors	Handling Quality	UAV Nav & Operations	Hybrid-Electric and Distributed Propulsion Aircraft 1	Flow Management	Aircraft Operations and Safety
	14:00-15:30	7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7
Design for Uncertainty			CFD for Wind Tunnel Effects	Education in Systems Engineering and Integration	MAV-related Aerodynamics	Operations & Sustainment 3	Impact	Propeller	Flight Testing	UAV Design Configuration 2	Reduced Order Modeling	Noise & Emission	Icing & Jet Engine Safety	
	16:00-18:00	8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8
			UAS	Hypersonic Aerodynamics	Flow Visualisation 2	(Aerodynamic) Control Methods	Damage Tolerance	Structural Design 4	System of Systems Design & Operation	Flight Trajectory Design	Modeling and Tests of Systems & Subsystems 2	Shock Waves and Control	Separation Management	Humans in the Loop
29 Sep. (Thu.)	10:00-12:30	9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9
			Environmentally Responsible Aviation	Turbulence Modeling and Transition	Student Final	Design Optimization 2	Fatigue and Corrosion	Aeroelasticity 2	Systems Engineering & Integration	Hybrid-Electric and Distributed Propulsion Aircraft 2	UAV Collaborative Operations	Transsonic Buffet Control	Trajectories	Safety & Operations of Unmanned Aircraft Systems
	14:00-15:30	10	1.10	2.10	3.10	4.10	5.10	6.10	7.10	8.10	9.10	10.10	11.10	
			High Speed and Access to Space	Space Vehicle Configurations	Scale Model Flight Testing	HEXAFLY-INT Project	ISABE 2	Structural Dynamics	Combustion and High Speed	Flight Modeling & Simulation	UAV Flight Dynamics	Hypersonic/Transitional Boundary Layers	ICAS Award Lectures	