

WEDNESDAY 27 Feb 2019 – Conference Room (TBA) [DAY 1]	
	<p>Welcome: Dr Arvind Sinha, Conference Advisor (AIAC 18) and Dr Greg Ferguson, Avalon 2019 Aerospace Innovation Co-Chairs: Dr Madabhushi Janardhana (DASA) & Mr Miro Miletic (MEMCO)</p>
	KEYNOTE ADDRESS or TOPICAL ISSUES ON APPLICATION TECHNOLOGIES (Advances in Next Generation Aerospace Technologies)
0900-0920	Automated Integrated Collision Avoidance System, Mr James Dunn, LM Aeronautics (Short Key Note Presentation)
	Avalon Technology Sessions Sponsor – (Welcome Remarks)
0920-0935	Topic 1 – Software Development for Corrosion PHM, Dr Aaron Sudholz, BAE Systems, Richmond
0935-0950	Topic 2 – Titomic Kinetic Fusion- Industrial Size AM Production, Mr Jeff Lang, Titomic Pty Ltd, Melbourne
0950-1005	BREAK
	<p>Advances in Aerospace Systems and Materials Technologies Co-Chairs: Dr Madabhushi Janardhana (DASA) & Mr Miro Miletic (MEMCO)</p>
1005-1030	Topic 3 – Aerospike Rocket Engine Innovation, Mr Graham Bell, Next Aero Pty Ltd [YIA]
1030-1055	Topic 4 - Modelling for Spacecraft and Satellite Design, Dr Tony Dong, MSC, Australia
1055-1120	Topic 5 - Innovation in Additive Manufacturing in Aerospace, Dr Kevin Hazlehurst, Conflux Technology, Geelong
1120-1140	Topic 6 - Digital Continuity in the Aerospace Industry, Ms Verne Issautier & Ms Ellen Mondro, Dassault Systems & 3DS
1140 -1200	Topic 7 - Non-Intrusive Flight Test Instrumentation (NIFTI) Advances in Fleet Management, Dr Warren Canning (DIPL) & Dr Scott Moss (DSTG) & [DIA]
	CLOSE – DAY 1
THURSDAY 28 Feb 2019 – Conference Room (TBA) [DAY 2]	
	<p>Defence Industry Technologies Perspectives Co-Chairs: Dr Madabhushi Janardhana (DASA) & Dr Aaron Sudholz (BAE Systems)</p>
0900-0925	Topic 8 – BigEye Aerial Camera System, Mr Mike von Bertouch, InnovAero Pty Ltd [CI]
0925-0950	Topic 9 – Sapphire Clock, Prof. Andre Luiten, Croyoclock Pty Ltd [DSIA]
0950-1005	BREAK
	<p>Advanced Technologies and Future Perspectives Co-Chairs: Dr Madabhushi Janardhana (DASA) & Dr Aaron Sudholz (BAE Systems)</p>
1005-1030	Topic 10 – Cloud Technology as Enabler in Modern Warfare, Mr Jack Baldwin, IAI & Intercorp Pty Ltd
1030-1055	Topic 11 - Innovative LMD and AM Processes at DMTC & RMIT, Mr Jimmy Toton and Dr Mark Hodge
1055-1120	Topic 12 - NDT Technologies for Aircraft Inspections and Continuing Airworthiness Management, FTLT Chris Leete, NDT&CT – DASA, Brisbane
1120-1145	Topic 13 - Navigation System for GPS Denied Environment, Mr Matt Henderstrom, Varley Group, USA
1145-1205	Topic 14 - Modelling Development for Corrosion PHM, Dr Aaron Sudholz, BAE Systems, Richmond
	CLOSE – DAY 2
	<p>Note to Attendees: The topics included in Application Technologies cover wider areas and also to educate advances in technical ideas and innovation through both modelling and/or showing the artefacts to audience. Hence, anyone who are not included in the list of topics or some late entrants (contributors) to these sessions are welcome to approach co-chairs on Day 1 or Day 2. An effort will be made to allocate a very brief slot on the Day 1 or Day2 for those who have requested. AIAC18 Conference Organisers aiac18@engineersaustralia.org.au</p>