Rapid-Tech MSA2025 Preliminary Programme*						
Monday 25 August						
1:00 PM	NMIA Site Tour - Coach transport departs Mercure Sydney (tickets must be purchased for this)					
6:00 PM	Welcome Function - Terrace Bar, Mercure Sydney - Sponsored by Scientific Devices					
Tuesday 26 August						
Start	Session title	Presentation topic	Presenter			
8:00 AM	Registration					
9:00 AM	Conference Openin	Tony Bergen				
9:10 AM	Keynote 1	Post redefinition – how close are we to realising the dream?	Annette Koo			
10:00 AM		The BIPM – 150 years of maintaining units	Tony Bergen			
10:30 AM	Morning tea					
11:00 AM		Setting the Power – Science that Underpins Electrical Energy Measurements in Australia	Ilya Budovski			
11:40 AM	Electrical metrology	A new method of measuring fast transient impulses in high-voltage substations	Hugo Adams			
12:05 PM]	The primary SI ampere standard on a commercial 22-nm FDSOI process technology	Ajit Dash			
12:30 PM	Lunch					
1:30 PM	Keynote 2	National Space Test Program (title TBC)	Eduardo Trifoni			
2:20 PM		Rapid-Tech Sponsor spotlight				
2:30 PM	Hydrogen Economy	Metrological Challenges for the Hydrogen Economy	Wodek Jakubik			
3:20 PM	Afternoon tea					
3:45 PM	Temperature and Humidity	A history of the realisation of the ITS-90 subrange -189.3442°C to 961.78°C in Australia	Mong-Kim Ho/Julien Langley			
4:10 PM		Realization of New Zealand's national humidity standard	Ben Sherson			
4:35 PM		Calculating thermoouple inhomogeneity at low immersions by numerical post-measurement correction of thermal conduction errors	Massoud Aghili Yajadda			
5:00 PM	Day one close					
7:00 PM	Conference Dinner - Sydney Harbour Cruise - Departing Kings Street Wharf, Darling Harbour - Sponsored by Trescal					
Wednesday 27 August						
Start	Session title	Presentation topic	Presenter			
9:00 AM	Keynote 3	Invisible but Essential: The Future of Accreditation in a Changing Landscape	Jennifer Evans			
9:50 AM		Fluke Sponsor Spotlight				
10:00 AM	Laboratory	Beyond the spec sheet: understanding real-world uncertainty in CMMs	Lenice Evergreen			

10:50 AM Morning tea 11:20 AM Optical Metrology	40.05.414	practice, MU and PT (1)	Proficiency testing – investigation of borderline comparison outcome facilitates measurement improvement – a				
11:20 AM Optical Metrology 11:45 AM Optical Metrology 11:45 AM Optical Metrology 11:45 AM Optical Metrology 12:10 PM Lunch 1:00 PM Special session: Metrology 101 – Fundamentals of the SI system and laboratory practice, Part 1 3:00 PM Afternoon tea 3:30 PM Special session: Metrology 101 – Fundamentals of the SI system and laboratory practice, Part 2 5:30 PM Day two close Thursday 28 August 7:00 AM MSA AGM - Breakfast (Attendance must be listed at Registration) 9:00 AM Keynote 4 The GPT Revolution Adam Spencer 10:15 AM Morning tea 10:45 AM Impedance and surface tension metrology 11:35 AM Advances in impedance metrology Align-current resistance measurement system - shunting the path to traceability Meiohand and Spencer 12:00 PM Lunch 1:00 PM Laboratory practice, Part 2 Thursday 28 August Thursday 28	10:25 AM	case study in pressure measurement Revin Mapson					
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	1:10 PM	practice, MU and	376.5 days, 3,765 hours, in a third tier laboratory	Daryl Pettit			
	1:35 AM		Cosine error: A case study in the use of advanced statistics for uncertainty estimation	Douglas J. Little			
2:00 PM Afternoon tea	2:00 PM	Afternoon tea					
2:20 PM Panel session: NATA/IANZ Workshop on measurement-related ISO/IEC 17025 requirements; including:	2:20 PM	Panel session: NATA/IANZ Workshop on measurement-related ISO/IEC 17025 requirements; including:					
* Meeting ISO/IEC 17025 Proficiency Testing requirements		* Meeting ISO/IEC 17025 Proficiency Testing requirements * Method validation					
* Formulating Calibration and Measurement Capabilities		_	ration and Measurement Capabilities				
* Decision rules	4.00 DM						
4:00 PM Conference Closing lease note that the programme is subject the change.							