

Day 1 - Wednesday 19 July 2006

Stream I			Stream II	
Time	Title	Speakers	Title	Speakers
9.15am - 10.15am	Conference Opening – Joint with ASDC			
9.15 - 9.30	Opening Address / Conference Welcome	Kirby Ikin, Conference Chair (APAC)		
9.30 - 10.15	Australia's Economic and Social Dependencies on Space	Dr Ron Huisken <i>Strategic and Defence Studies Centre, ANU</i>		
10.15am - 10.45am	Morning Networking Session with coffee			
10.45am - 12.30pm	Conference Opening – ASSC			
10.45 – 11.00	Opening Address / Conference Welcome	Chair: Wayne Short		
11.00am – 12.30pm	Geochemistry I	Chair: Marc Norman	Outreach	Chair: Carol Oliver
11.00 – 11.30	Differentiation of terrestrial planets: insights from the volatile alkali elements rubidium Antti Kallio		New hi-tech virtual reality tool opens access to 'science in the making' to students and the public	Carol Oliver
11.30 – 12.00	Estimating the composition of extrasolar terrestrial planets	Charley Lineweaver	Education and Outreach with Mars Rover Mission	Glen Nagle
12.00 – 12.30	Timing of early events in The evolution of the Earth and the Moon : Evidence from zir Robert Pidgeon		Victorian Space Science Education Centre: An Exciting New Facility for Science Education	Naomi Mathers
12.30pm - 2.00pm	Lunch			
2.00pm - 3.00pm	Space Engineering I	Chair: Dan Faber	Observation and Remote Sensing I	Chair: Graziella Caprarelli
2.00 - 2.30	Mission planning for Space Debris Retrieval	Iain Brown	Probing the Atmosphere of Venus using Infrared Spectroscopy	J Bailey
2.30 - 3.00	Nano-Satellite Design for Inflatable Antenna System Prototype Demonstration	Jonathan Mordech	The Desert Fireball Network: An All-Sky Camera Network in the Western Australian Nullarbor	A Bevan
3.00pm - 3.30pm	Afternoon Networking Session with coffee			
3.30pm - 5.00pm	A Plan for Space Science and Technology in Australia	Chair: Andrew Parfitt		
3.30 - 4.00	Astronomical Decadal Plan	Brian Boyle		
4.00 - 4.30	Space Science Decadal Plan	Peter Dyson		
4.30 - 5.00	VSSEC	Naomi Mathers		
5.30pm - 7.00pm	Cocktail Function			

Day 2 - Thursday 20 July 2006

Stream I		Stream II	
Time	Title	Speakers	Speakers
9.00am - 10.30am	Panel – New Space Missions and Instruments	Chair: Dan Faber Panelists: Peter Dyson Roger Franzen Andrew Parfitt Andrew Bell	
10.30am - 11.00am	Morning Networking Session with coffee		
11.00am - 12.30pm	Planetary Science I	Chair: Jon Clarke	Commercialisation Chair: Jeffery Candiloro
11.00 - 11.30	Rapid Accretion and Formation of the Terrestrial Planets	Vickie Bennett	Space Industry Intellectual Property Management: Rules and A Roadmap of Rising Relevance William N. Hulsey III
11.30 - 12.00	The nature and rates of landscape change on Earth and Mars	Matilda Thomas	Space Business John Fick
12.00 - 12.30	Moon	Jeremy Bailey	Commercial Ready Program, Commercialising Emerging Technologies (COMET), the R&D Tax Concession and the Industry Cooperative Innovation Program Linda Di Mauro - AusIndustry
12.30pm - 2.00pm	Lunch		
2.00pm - 3.00pm	Geochemistry II	Chair: Robert Pidgeon	Human Exploration Chair: Wayne Short
2.00 - 2.30	Isotopic composition of the Sun	Trevor Ireland	A Conservative, Practical Architecture for Exploration-Focused Manned Mars Missions Using Chemical Propulsion, Solar Power, and ISRU. Jon Clarke
2.30 - 3.00	Short-lived radionuclides: stellar sources and early solar system chronology	David Nelson	Why on Earth are we going back to the Moon? Marc Norman
3.00pm - 3.30pm	Afternoon Networking Session with coffee		
3.30pm - 5.00pm	Decadal Plan Workshop	Chair: Peter Dyson	
5.30pm - 10.00pm	Pre dinner drinks and Gala Dinner		

Day 3 - Friday 21 July 2006

Stream I			Stream II	
Time	Title	Speakers	Title	Speakers
9.30am - 10.30am	New Propulsion Methods	Chair: Charley Lineweaver		
9.30 - 10.00	From Aurorae to Mars, the Australian Helicon Double Layer Thruster	Christine Charles		
10.00 - 10.30	Design and Testing of a Dual Stage Ion Engine for Deep Space Applications	Orson Sutherland		
10.30am - 11.00am	Morning Networking Session with coffee			
11.00am - 12.30pm	Observation and Remote Sensing II	Chair: Jeremy Bailey		
11.00 - 11.30	Using Mars Global Surveyor and Mars Odyssey telemetry to reconstruct the volcano-tectonic history of Phaethontis region, Mars	Erin Anania		
11.30 - 12.00	Mars Express High Resolution Stereo Camera: results of observation	Graziella Caprarelli		
12.00 - 12.30				
12.30pm - 2.00pm	Lunch			
2.00pm - 3.00pm	Space Engineering II	Chair: Wayne Short	Planetary Science II	Chair: Matilda Thomas
2.00-2.30	Data Mining Techniques for GAIA Data Processing and Analysis	Jason Cromarty	How anomalous is the Sun?	Jose Robles
2.30-3.00	Reduced Gravity Testing and Research Capabilities at Queensland University of Technology	Nick Ward	Preliminary Graphical and Statistical Analysis of Lunar Iron (FeO) and Titanium (TiO ₂): Results of Megaregolith and Subsurface Investigations	Noel Jackson
3.00pm - 3.30pm	Afternoon Networking Session with coffee			
3.30pm - 5.00pm	Space Engineering III	Chair: Wayne Short	Not used	
3.30 - 4.00	Intelligent control of liquid-fuelled bi-propellant premix rocket motors	N Parrot		
4.00 - 4.30	Rocket Development and Operations within the Australian Space Research Institute	Ian Bryce		
4.30 - 5.00	Closing Remarks	Wayne Short		