

AUSTRALIAN SPACE DEVELOPMENT CONFERENCE, ADELAIDE 5-7 JULY 2010
DRAFT PROGRAM (SUBJECT TO CHANGE)

DAY 1: MONDAY 5 JULY

Australian Space on the Move

SESSION 1
0900 - 0910

Conference Welcome and Introductions:
Kirby Ikin and Anthony Wicht, *Conference Chairs*

0910 - 1000

Keynote Address
Senator the Hon Kim Carr, *Minister for Innovation, Industry, Science and Research* (invited)

1000 - 1045

SCHAFFER CORPORATION COFFEE BREAK

SESSION 2

Capacity Building: The Role of Industry and Government

Session chair: Anthony Wicht

1045 - 1130

Mr Mark Dankberg, *CEO, VIASAT*

1130 - 1200

Dr Rosalind Dubs, *Chair, Space Industry Innovation Council*

1200 - 1230

Dr Michael Green, *Department of Innovation, Industry, Science and Research*

1230 - 1400

ORBITAL SCIENCES DAY 1 LUNCHEON

Speaker: Senator Annette Hurley: "Lost in Space: 18 Months On"

SESSION 3

1400 - 1530

3A
**Australia's Dependence on Space Services:
A Report Card**

Session chair: Professor Alex Grant

Rob Lorimer, *Position 1 Consulting*
David Ball, *Intelsat*
Dr Ian Grant, *BoM*
David Hudson, *Geoscience Australia*
(invited)

3B
Developments in Space Science
Session chair: Brett Biddington

Dr Kimberley Clayfield, *CSIRO*
Professor Russell Boyce, *UQ*
A/Prof Colin Waters, *University of Newcastle*

1530 - 1600

AFTERNOON COFFEE BREAK

SESSION 4

1600 - 1730

4A
Defence and National Security
Session chair: Roger Franzen

GPCAPT Steve Cook, *Defence Space Coordination Office*
Defence Science and Technology Organisation
Australian Customs (invited)
Liz Milne, *Defence Imagery and Geospatial Organisation* (invited)

4B
**Australian Space Research Program
Case Studies**
Session chair TBA

Michele Clement, *Australian Space Policy Unit*
Panel discussion with representatives from successful Round 1 applications.

4C
International Session
Session chair: Anthony Wicht

Italy: Marco Airaghi, *Italian Space Agency*
India: Jacob Malana, *Orbit Australia*
Japan: Prof Suzuki, *Hokkaido University*
United States: Neevy van Laningham, *US State Dept*
Canada: Gilles Le Clerc, *CSA* (invited)

4D
Social Aspects: Heritage, History and Culture
Session chair: Brett Biddington

Dr Alice Gorman, *Flinders University*
Kerrie Dougherty, *Powerhouse Museum*

1730 - 1740

Summary and Closure Day 1

1800 - 1930

SPACE SYSTEMS / LORAL WELCOME COCKTAIL FUNCTION

DAY 2: TUESDAY 6 JULY

SESSION 5
0830-0910
0910-0950

Keynote Address

Dr Ed Kruzins, *DSTO*

Keynote Address

Joe Fuller, *FUTRON*

Keynote Address

Professor Harvey Butcher, *Director, Research School of Astronomy and Astrophysics, ANU and Director Mt Stromlo Observatory*

SESSION 6
0950-1030
1030-1100

O3B MORNING COFFEE BREAK

SESSION 7
1100-1230

<p>7A Satellite Broadband Guarantee and Interim Session chair: Bill Barrett <i>NBNCo</i> (invited) David Stratford, <i>OPTUS</i> Patompob Suvansiri <i>iPStar</i> (invited) Brian Holtz, <i>O3b CTO</i></p>	<p>7B Remote Sensing and Climate Change (Gov't) Session Chair: Roger Franzen Dr Shanti Reddy, <i>Dept of Climate Change</i> (invited) John LeMarshall, <i>BOM</i> David Crain, <i>Utah State University</i></p>	<p>7C Space Business Session chair: Michael Davis Craig McGilvray, <i>AON Insurance</i> Donna Lawler - <i>Optus Satellites Chief Counsel</i> (invited) Ian Tuohy <i>B Ae Systems</i></p>	<p>7D Space Engineering Symposium H. David Froning and Con Doolan, <i>University of Adelaide</i> Celeste Rooke and Lachlan Thomson <i>RMIT University</i>, Mark Grollo, <i>Grollo Aerospace</i> Alan Harrland, <i>University of Adelaide</i> W. Al-Sabban, L. Gonzalez and R. Walker <i>QUT</i></p>
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1230 - 1400

CSIRO DAY 2 LUNCHEON

Speaker: Jason Brown, *Thales*, Charting the Future Direction of Space in Australia

SESSION 8
1400 - 1530

<p>8A International Ka-band Programs and Development Session chair: Jack Scott Ramesh Ramaswamy, <i>Jupiter Satellite Hughes Networks Australia</i> (invited) Eddie Kato, <i>Thales</i> Rick Sanford, <i>Viasat</i> Greg Clarke, <i>KaComm</i> (invited)</p>	<p>8B Operationally Responsive Space Session chair: Shaun Wilson Marko Stoyanof <i>US DoD Space Test Program</i> Lt Col Tim Henderson, <i>Operationally Responsive Space Office</i> (invited) Gary Hale <i>Cisco (IRIS)</i></p>	<p>8C Entrepreneurial Space Session chair: Kirby Ikin Mike Gold, <i>Bigelow Aerospace</i> Max Vozoff, <i>Space X</i> Michael Beavin, <i>US Office of Space Commercialization</i> (invited)</p>	<p>8D Space Engineering Symposium Michael Mackay, <i>University of Adelaide</i> Martin Castillo, <i>QUT</i> Steven Russell, <i>University of South Australia</i>, Andrew Clark and Peter Teague, <i>Vipac Ltd</i>, Jizhang Sang, <i>EOS Space Systems</i></p>
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1530 - 1600

AFTERNOON TEA

SESSION 9
1600 - 1730

<p>9A SATCOM Technology Evolution Session chair: Mark Blair Ratnarajah Kularajah, <i>Orbital Sciences Corporation</i> Hiroyuki Inahata, <i>Mitsubishi Electric Corporation</i></p>	<p>9B Dual Use Technologies for Earth Observation Session chair: Jack Scott Francesco Passaretta, <i>Thales Geosciences Australia</i> (invited) <i>Mitsubishi Electric Corporation</i> (invited)</p>	<p>9C Remote Sensing Corporate Presentations Session chair: Anthony Wicht Andy Stephenson, <i>GeoEye</i> Jacob Malana, <i>Orbit Australia</i> Bob Wright, <i>ESS</i> Dragos Maciucă, <i>Lockheed Martin</i></p>	<p>9D Case Studies: Succeeding in "Upstream" and "Downstream" Space Markets Session chair: Shaun Wilson Andy Brawley, <i>Sapphicon</i> John Douglas, <i>Apogee</i></p>
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1730-1745
1900

Summary and Closure Day 2

ARIANESPACE GALA DINNER

Dinner Speaker from the South Australian Government to be announced

DAY 3: WEDNESDAY 7 JULY

	Plenary Hall	Meeting Room 1	Meeting Room 2	Meeting Room 3
SESSION 10 0900 - 1030	10A Market Trends Session chair: David Ball Eddie Kato, <i>Thales</i> Mike Gooding, <i>Space Systems / Loral</i> Glen Tindall, <i>New Skies</i> Paul Sheridan, <i>Optus</i> Adrian Ballintine, <i>Newsat</i>	10B Defence/National Security Satcom Session chair: Roger Franzen Don Brown, <i>Intelsat General</i> Peter Weissmann, <i>Viasat</i>	10C Regulation Session chair: Bill Barrett <i>Australian Communications and Media Authority</i> (invited) David Ball, <i>ASICC Representative</i> Prof Bill Cowley, <i>ITR</i> Wayne White, <i>Oceaneering Inc</i> Daniel Faber, <i>Aerospace Concepts</i>	10D Small Sats and New Technologies Session chair: Shaun Wilson Ben Stern, <i>SSTL</i> Byungjin Kim, <i>Satrec Initiative</i> Dr Ian D'Souza, <i>COM DEV</i> S M Vaidya, <i>Godrej Precision Systems</i>
MORNING COFFEE BREAK				
SESSION 11 1030 - 1115 1115 - 1230	11A VSATS a Critical Role Session chair: Bill Barrett Ramesh Ramaswamy, <i>Hughes</i> Rick Sanford, <i>Viasat</i> Oded Sheshinski, <i>Gilat</i> (invited) John Arnold, <i>iDirect</i>	11B Defence Ground Infrastructure Session chair: Jack Scott Fritz Fisher, <i>L-3 Communications</i> <i>GD SATCOM</i> (invited) Sam Reisenfeld, <i>Macquarie University</i> (invited)	11C Microgravity Session chair: Kirby Ikin Dr Martin Castillo, <i>QUT</i> Rich Glover, <i>Schafer Corporation</i>	11D Space, Science and the Next Generation Session chair: Brett Biddington Dr Carol Oliver, <i>Australian Centre for Astrobiology, UNSW</i> Dr Naomi Mathers, <i>VSSEC</i> Nassim Bovet, <i>International Space University, Strasbourg</i> Michael Brett, <i>Space Generation Advisory Council</i>
OPTUS DAY 3 LUNCH Speaker to be announced				
SESSION 12 1230 - 1400 1400 - 1515	12A Launch Market Session chair: Kirby Ikin Phil Balaam, <i>Arianespace</i> Cliff Perkins, <i>Lockheed Martin</i> Max Vozoff, <i>SpaceX</i>	12B Space Debris Monitoring and Mitigation Session chair: Brett Biddington Rich Davis, <i>Northrop Grumman Corp</i> Ian Croser, <i>CEA Technologies</i> (invited) Yue Gao, <i>EOS</i>	12C Advanced Remote Sensing: Hyperspectral and SAR <i>Apogee Imaging</i> Dr Garry Newsam, <i>DSTO</i> Dr Andrew McGrath, <i>Flinders University</i>	
AFTERNOON COFFEE BREAK				
1515 - 1545 1545 - 1645	Developing the Australian Space Community Moderator: Brett Biddington Conference Close Kirby Ikin and Anthony Wicht			