Australian Government
Department of Defence
Science and Technology

DST Group Partnerships Week 2016

Melbourne, 6th - 10th June

Program

DST GROUP

Science and Technology for Safeguarding Australia

Message from the Chief Defence Scientist

Welcome to DST's second Partnerships Week at our Fishermans Bend laboratory in Melbourne.

Last year's event in Adelaide was an unqualified success, demonstrating the value of connecting with our partners in industry and academia.

It is a pleasure to once again host representatives from Australian companies, universities, public research agencies as well as our colleagues from Defence.

This is an ideal opportunity to highlight DST's Major Science and Technology Capabilities and discuss opportunities for collaboration and innovation.

With the launch of the 2016 Defence White Paper, the Defence Industry Policy Statement and the Integrated Investment Program, there are unprecedented opportunities for collaboration to achieve capability outcomes for Defence.

Industry – and academia by extension – is now recognised as a fundamental input to capability, requiring multidisciplinary research by large teams working across institutional and national boundaries.

Our researchers are always ready to explore collaborative opportunities to enhance the future operational effectiveness and warfighting capability of the Australian Defence Force.

I invite you to take advantage of the laboratory tours, the demonstrations and networking opportunities during your visit. I also welcome your contribution in workshopping the Grand Challenges for Defence.

Thank you for participating in DST Partnerships Week 2016. I am confident your visit will be both productive and rewarding.

We also welcome your feedback so that we can improve such partnership events in the future for our mutual benefit.

Dr Alex Zelinsky
Chief Defence Scientist

Information

#DSTPW16

Name Badges

Name badges and lanyards provided are to be worn at all times on the DST Fishermans Bend site.

Mobile Phones and Electronic Devices

Delegates are reminded that electronic devices (including mobile phones, PEDs, Laptop and fitbits) are prohibited in the David Warren Theatre (Venue A) and on all tours.

All photography and recording is strictly forbidden while on the DST site.

WIFI

Free WIFI is available for delegates use:
login: **DSTOPartner** password: **Access4me2016**

Refreshments

Morning and afternoon tea will be available in the canteen and the marquee area.

Complimentary barista-made coffee is available all day from one of the coffee carts within the precinct. Alternatively a coffee and tea station is situated in the canteen.

Lunch

Lunch will be served in the canteen.

Presentations

The Welcome and plenary sessions will be held in the David Warren Theatre (Venue A). Due to limited seating within the theatre, the plenary sessions will be live streamed in Venue C.

Technology Displays

DST's research and major science and technology areas will be showcased in the Exhibition Marquee.

The Science Partnership and Engagement booth and the Innovation booth are located in the canteen.

Technology PitchFest

Ten technology pitches, each only 3 minutes long, will give a taste of partnership opportunities within DST.

Site Tours

Tours to a number of DST Fishermans Bend site facilities are on offer. Book your place for these tours at the Information Desk located in the foyer between Venue A and Venue B.

Grand Challenges Workshop

What are the "Grand Challenges" facing Defence in the future? This workshop will give you an unprecedented opportunity to participate in the conversation. Seats are extremely limited.

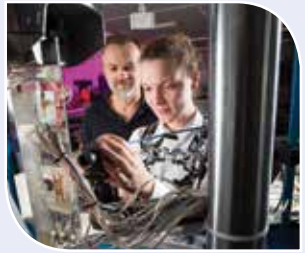
Book your place at the Information Desk.

Program 8th June

	Venue A	Venue C
0915	Welcome	Streamed from Venue A
0920	Plenary 1: Chief Defence Scientist – Alex Zelinsky	Streamed from Venue A
0950	Plenary 2: CEO Thales Australia – Chris Jenkins	Streamed from Venue A

Program 9th June

	Venue A	Venue C
0915	Welcome	Streamed from Venue A
0920	Plenary 1: DVC (Research) University of Adelaide – Prof Mike Brooks	Streamed from Venue A
0950	Plenary 2: Technical Director Tectonica – Miles Partridge	Streamed from Venue A



Program & Tours

Start Time	Venue A: David Warren Auditorium	Venue B: Auditorium Breakout Presentation Area	Venue C: Canteen Conference Room	Venue D: Building 3, Aerospace Conference Room G36/37	Tour 1	Tour 2	Tour 3
0915	Welcome/Announcements		Streamed from Venue A				
0920	Plenary 1		Streamed from Venue A				
0950	Plenary 2		Streamed from Venue A				
1020	MORNING TEA						
1050	Maritime Division Presentation	Cyber and Electronic Warfare Division Presentation	Aerospace Division Presentation	National Security Intelligence Surveillance and Reconnaissance Division Presentation	(i) Bld 38 – Combustion Test Facility (ii) Environment Test Facility (iii) UAV display in new stores	(i) Bld 41 - F/A-18 structural test (ii) Bld 2 Compound - Power and Energy (iii) High Bay - Acoustic Signature Management	(i) Bld 13 - Transonic and Low speed wind tunnels (ii) Bld 52 - Air Operations Simulation Centre demo & tour (iii) Submarine hull whipping trail equipment
1140	Break						
1150	Weapons & Combat Systems Division Presentation	Land Division Presentation	Joint and Operations Analysis Division Presentation	Science Partnerships and Engagement Division Presentation	repeat of Tour 1 as per above	repeat of Tour 2 as per above	repeat of Tour 3 as per above
1240	LUNCH						
1340	Science Partnerships and Engagement Division Presentation	Technology PitchFest	Aerospace Division Presentation	**Grand Challenges Workshop**	repeat of Tour 1 as per above	repeat of Tour 2 as per above	repeat of Tour 3 as per above
1430		Break					
1440	Maritime Division Presentation	Cyber and Electronic Warfare Division Presentation	Joint and Operations Analysis Division Presentation		repeat of Tour 1 as per above	repeat of Tour 2 as per above	repeat of Tour 3 as per above
1530	AFTERNOON TEA						
1600	Weapons & Combat Systems Division Presentation	Land Division Presentation	Science Partnerships and Engagement Division Presentation	National Security Intelligence Surveillance and Reconnaissance Division Presentation	repeat of Tour 1 as per above	repeat of Tour 2 as per above	repeat of Tour 3 as per above
1650	CONCLUDES						

Special guest speakers

Chris Jenkins

Country Director and Chief Executive Officer, Thales Australia & New Zealand

Chris Jenkins is a defence industry leader, a passionate believer in local skills, and a strong advocate for Australian engineering, technology, design and manufacturing.

Focusing on delivering performance advantages for major defence and infrastructure customers, he has played a crucial role in transforming Thales Australia from five separate businesses into one of Australia's largest suppliers and exporters of mission critical products and services. Chris was appointed as Thales Australia CEO in January 2008, following the company's 100% acquisition of the Australian Defence Industries (ADI) joint venture in 2006. Chris is currently a board member for the International Centre for Complex Project Management and Chairman of the AIG Defence Council. He is also President of the AIG NSW Executive and member of the AIG National Executive.

Miles Partridge

Technical Director, Tectonica Australia Pty Ltd

Miles founded Tectonica Australia Pty Ltd with the goal of becoming a major supplier of high technology engineering solutions. He has managed projects in the fields of mass transit, data acquisition and robotics, automotive performance and durability, weapon systems and engine development.

Miles has over 30 years engineering and business experience. Following his first commercial activity he joined an applied technology company Innovonics and as joint Managing Director was responsible for establishing and developing its mechatronics design and manufacturing capabilities.

Miles served on its board from start up to successful public listing. He has been a NATA signatory and is skilled in the application of scaleable cost effective manufacturing methodologies.

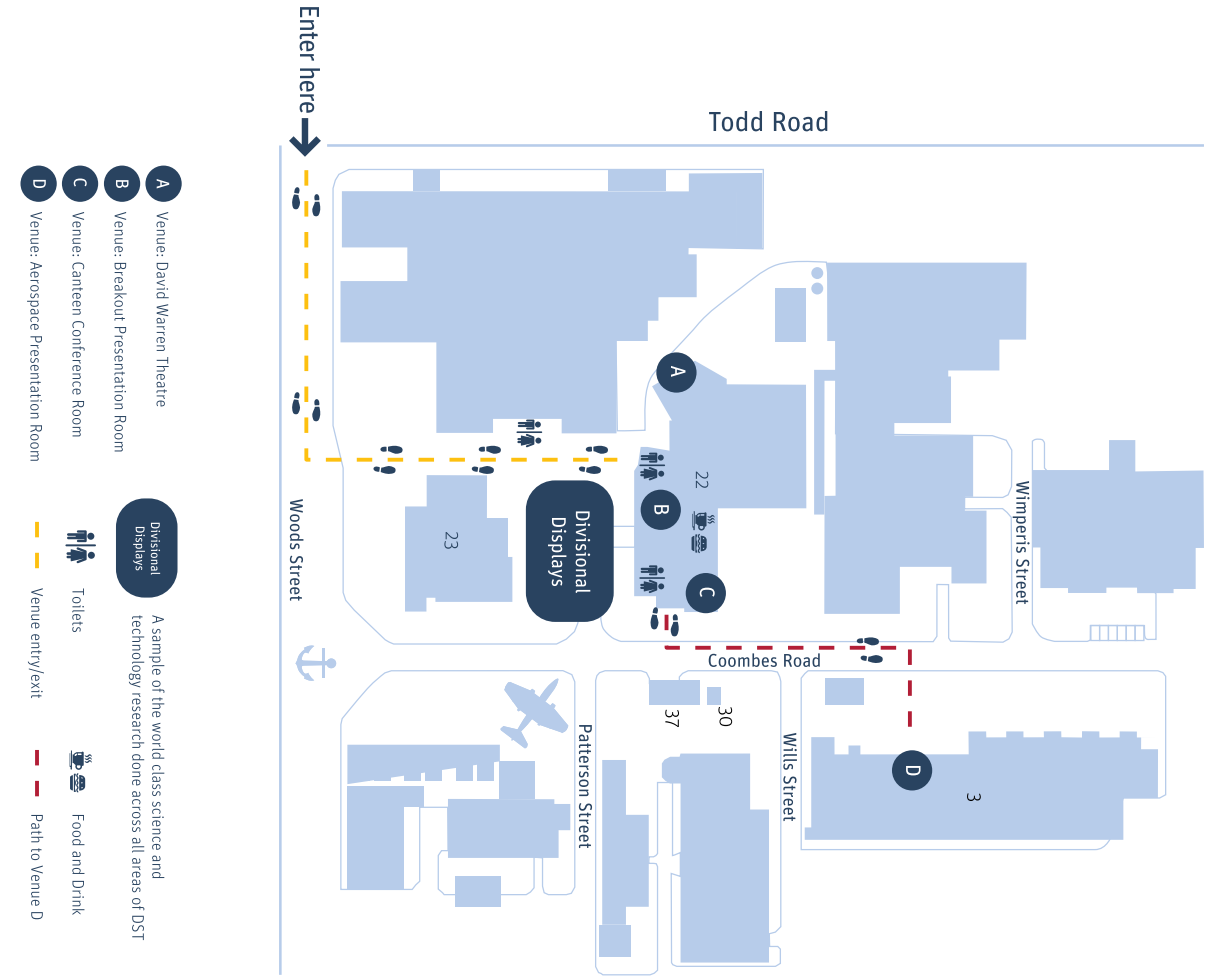
Professor Mike Brooks

Deputy Vice-Chancellor (Research), University of Adelaide

Professor Mike Brooks is a leading international researcher in computer vision and image analysis. He holds the position of Deputy Vice-Chancellor and Vice-President (Research) at the University of Adelaide. His work has seen wide commercial use in the security and defence industries and has resulted in international awards.

Professor Brooks is a former Research Leader of Video Surveillance within the Australian Centre for Visual Technologies at the University of Adelaide and a former Head of the School of Computer Science of the University of Adelaide where he holds the Chair in Artificial Intelligence.

He has published numerous influential papers in the fields of computer vision, image analysis and surveillance. Professor Brooks is a Fellow of the Australian Computer Society, a Fellow of the Australian Academy of Technological Sciences and Engineering, and Associate Editor of the International Journal of Computer Vision. He served on the board of National ICT Australia (NICTA) for over 10 years from 2005. He chaired the Go8 DVCsR Group from 2014-2016.



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www.dst.defence.gov.au

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