

PROGRAM

DAY 1 - 10 APRIL 2017

8:30	Registration Desk Open
9:00	Event Launch Brigadier John Mackenzie (Director General Joint Force Analysis)
9:10	Opening Keynote Address Dr Alex Zelinsky (Chief Defence Scientist)
9:30	Keynote Address Professor Hugh Bradlow (Chief Scientist, Telstra)
9:50	Scene Setter EDTAS process
10:10	MORNING TEA
10:30	Session 1 Technologies in 2040
	Prof. Jill Slay (University of New South Wales) Internet of Things and Cyber Capability
	Prof. Massimo Piccardi (University of Technology Sydney) Future application of Multimodal sensors for smart cities
	Prof. Ian Reid (University of Adelaide) Future of Autonomous Robotics
	Paul Heuer (DST) Adaptive Systems in 2040
	Prof. Ren Ping Liu (University of Technology Sydney) IoT and Security
	Prof. Gernot Heiser (Data61) Cyber Security – There are solutions
11:40	Panel Q&A
12:10	Workshop Activity 1 What technologies are possible to 2040?
12:40	LUNCH
13:30	Workshop Activity 1 What technologies are possible to 2040?
14:00	Session 2 Big Ideas for a hyper-connected Mega-City
	Prof. Chin-Teng (CT) Lin (University of Technology Sydney) The application of Brain Computer Interface
	Prof. Phillip Leong (University of Sydney) Real-time machine learning
	Sara Stace (Link Place) Smart City Initiatives
	Darren Crombie (DDG, Infrastructure Policy and Planning, QLD Government) Adapting the 'current' for future information needs
14:50	Panel Q&A
15:20	AFTERNOON TEA

15:40	Workshop Activity 2 Big ideas for a Mega-City
16:20	Workshop Activity 3 Impact of IKDD in a Mega-City
17:00	MEETING CLOSE
SYMPOSIUM DINNER	
18:30	Networking opportunity Cash bar available
19:00	Dinner Commences Keynotes Dr Peter Singer (Fellow at New America) via video and Dr Brenton Cooper (CTO, D2DCRC)

DAY 2 - 11 APRIL 2017

8:30	Registration Desk Open
9:00	Opening Comments and Day 1 workshop review
9:20	Keynote Address Dilan Rajasingham (Head of Emerging Technology, Commonwealth Bank of Australia)
9:40	Student presentation feedback presented by University of Technology Sydney
10:10	MORNING TEA
10:30	Session 3 Capability Concepts that might be realised from the Technology Prof. Markus Stumptner (University of South Australia) Software Systems in 2040 Prof. Vijay Sivaraman (University of New South Wales) Impact of software defined systems Wayne Agutter (Director Strategy and Emerging Markets, Saab) Capability challenges in a digitally connected world Stephane Ibos (CEO, Maestrano) From Data to Solutions – The Chain of Disruption
11:20	Panel Q&A
11:40	Workshop Activity 4 Capability opportunities and challenges – Scenario workshop
12:40	LUNCH
13:30	Keynote Address Adrian Turner (CEO, Data61)
13:50	Session 4 Social and ethical considerations for IKDD Nigel Phair (University of Canberra) Intersection of technology, crime and society Dr Jai Galliot (University of New South Wales) The Soldier's Tolerance for Digital Disruption Prof. Kai Riemer (University of Sydney) Disruptive Technologies, Enterprise Social Media Dr Darryn Reid (DST Group) The future of machine learning Prof. Ron Johnston (University of Sydney) Technology in economic and social development
14:50	Panel Q&A
15:10	AFTERNOON TEA
15:30	Workshop Activity 5 5A. Social and ethical considerations 5B. Key findings
16:50	Workshop close and next steps