

AUSCOPE SYMPOSIUM TUESDAY JUNE 28, 2016.
10 YEARS OF AUSCOPE - INFRASTRUCTURE, IMPACT AND INNOVATION

Time	Speaker	Title
8.45-9.45	Plenary - Sandy Steacy , University of Adelaide, Australia - Hall L	
Sub theme	Temporal architecture - Research into the evolution and geometry of the Australian Plate	
Session Chair	Dr Christian Sippl, ANU	
9.55-10.15	B Kennett	AuSREM and beyond: insights into the Australian lithosphere
10.15-10.35	L Plank	Across Australia and around the World in Millimetres
10.35-11.00 Morning Tea (and posters)		
11.00-11.20	D Phillips	Ultra-high precision ⁴⁰ Ar/ ³⁹ Ar geochronology of volcanic rocks by multi-collector mass spectrometry
11.20-11.40	P Golodoniuc	Leveraging AuScope technology to define distal footprints of mineral ore systems
Sub theme	Changes and Impacts - Research into the nature and state of the Australian region	
Session Chair	Dr Lucia Plank, University of Tasmania	
11.40-12.00	J Lovell	The challenges in building a continent-wide VLBI array
12.00-12.20	M Filmer	Surface displacements from InSAR in the Perth Basin, Western Australia
12.20-13.20 Lunch (and posters)		
13.20-13.40	J Huntington	The National Virtual Core Library – Unique multifaceted national infrastructure
13.40-14.00	D Muller for J Cannon	Pygplates – a GPlates python library for data analysis through geological time and space
Sub theme	Science Enablers - Development and use of tools, software and data enabling world class research	
Session Chair	Dr Sabin Zahirovic, University of Sydney	
14.00-14.20	D Muller	The GPlates Portal: Cloud-based interactive 3D visualization of global geophysical and geological data in a web browser
14.20-14.40	L Wyborn	Ten Years of Building High Performance Computational and Data Infrastructures to support the next generation of World Class Earth Science Research
14.40-15.10 Afternoon Tea (and posters)		
15.10-15.30	Lutz Gross	Escript – Open-Source Tool for Numerical Modeling of Earth's Processes
15.30-15.50	Brent McInnes	An eResearch System for Managing and Distributing Publically Funded Geochemical Data in a Collaborative Environment
Sub Theme	AuScope - Future directions - "Town Hall" style discussion AuScope – Planning the next decade's investment in Australian Earth and Geospatial research infrastructure	
Session Chair	Dr Tim Rawling, CEO AuScope	
15.50-16.10	N Gruen	This Keynote Address will present the findings of Lateral Economics work valuing AuScope's contribution to the Australian economy. It will do so within a context which explores the economics of information and sets that against a much larger agenda which is building the public goods of the twenty-first century.
16.10-16.30	This session will extend into the Poster session time slot and refreshments will be served during this 'Town Hall' style session.	
16:30-17:00		
17:00-17.30 Poster Session		

