Venue : Metro Aspire Hotel
383/389 Bulwara Road
Ultimo

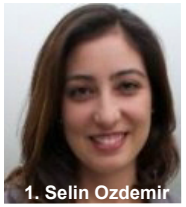
Parking : Limited at cost parking available onsite
Major parking stations within 1Km

Time : Registration 8:45am - 9:15am
Presentations 9:20am to 4:30pm

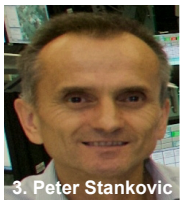
Format : 8 sessions running consecutively

Program :

8:45am	-	9:15am	Registration/coffee
9:20 am	-	9:35am	Prelude
9:35am	-	10:10am	Session 1
10:10am	-	10:50am	Session 2
10:50am	-	11:10am	Morning tea
11:10am	-	11:50am	Session 3
11:50 am	-	12:30pm	Session 4
12:30pm	**-**	**1:20pm**	**Lunch**
1:20pm	-	2:00pm	Session 5
2:00pm	-	2:40pm	Session 6
2:40pm	-	3:00pm	Afternoon tea
3:00pm	-	3:40pm	Session 7
3:40pm	-	4:20pm	Session 8
4:20pm	-	4:30pm	Closing

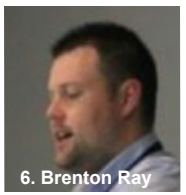

1. Selin Ozdemir


2. Martin Russell


3. Peter Stankovic


4. Trisha Moriarty


5. Christian Wolf


6. Brenton Ray


7. Robert Clancy


8. Dietmar Müller

7. Emeritus Professor Robert Clancy AM, FRS(N)
"LAND: The Australian Story"
Robert Clancy was the Foundation Professor of Pathology at the Medical School , University Of Newcastle. He is a Clinical Immunologist/Gastroenterologist, with a Research Interest in Mucosal Immunology and Vaccine development. His interest in Historic Cartography began as a Collector of early Maps of Australia and Antarctica. He has written five books on mapping of Australia and Antarctica and the collecting of maps, many articles and regularly gives talks on Antique Maps and related topics, curates exhibitions, and promotes interest in Historic Cartography and the Collection of Maps in many formats. No area of science was more challenging than that of mapping and charting a hostile and unknown continent: first mapping discovery, then surveying properties in town and country, and then thematic maps recording cultural and commercial activities, all on a scale and timeframe of unprecedented proportions.
This theme is explored in this talk using the maps drawn to record discovery and development.

8. Professor Dietmar Müller
"Using big data analytics to reveal what controls seabed geology"
Dietmar Müller received his PhD in Earth Science from the Scripps Institution of Oceanography, La Jolla/California in 1993. After joining the University of Sydney in the same year he started building the EarthByte e-research group. The EarthByters are pursuing open innovation, involving the collaborative development of open-source software as well as global digital data sets made available under a creative commons license. One of the fundamental aims of the EarthByte Group is geodata synthesis through space and time, assimilating the wealth of disparate geological and geophysical data into a four-dimensional Earth model, connecting solid Earth to surface processes. He currently directs the ARC Basin Genesis Hub research centre as well as the Sydney Informatics Hub. He is a fellow of the American Geophysical Union and the Australian Academy of Science. World's ocean basins contain a rich and nearly continuous record of environmental fluctuations preserved as different types of deep-sea sediments. The sediments represent the largest carbon sink on Earth and its largest geological deposit. Knowing the controls on the distribution of these sediments is essential for understanding the history of ocean-climate dynamics, including changes in sea-level and ocean circulation, as well as biological perturbations. Indeed, the bulk of deep-sea sediments comprises the remains of planktonic organisms that originate in the photic zone of the global ocean implying a strong connection between the seafloor and the sea surface.

THE PRESENTERS

1. Selin Ozdemir, Esri Australia
"A smarter platform for smarter decisions"
Selin is an Industry Solutions Senior Consultant at Esri and a regular advocate of geospatial solutions - finding any opportunity to engage in discussion about the value of location, from being a guest speaker at UNSW to presenting at numerous industry conferences. Her decade long career has spanned across the private sector, state and local governments, and overseas experience working at Transport for London. Today, she will be discussing the value of implementing a solid location platform in your organisation. GIS provides us with the tools and platform to make smarter decisions and a map is the common language to communicate these decisions. It's our responsibility as geospatial professionals to educate people on the true potential of location. We will look at some examples where location was at the forefront of decision making and the guide to successful outcomes.

2. Martin Russell, ANZ Digital Advisory Leader, Aurecon, GISP-AP
"The Digital Progression"
Martin has been involved in the GIS industry for more than 25 years, predominately in the engineering and infrastructure space. He will share the journey that he has been part of in that time. He'll avoid selling you anything and will showcase various digital solutions (platforms, portals processes and procedures) that Aurecon has developed or is developing to address the every changing digital landscape.

3. Peter Stankovic, Manager Transport Operations Planning, Transport Management Centre at Transport for NSW. Master of Transport Management, The University of Sydney
"GIS Utilisation within NSW Major Events"
Peter is Manager Transport Operations Planning within the Major Events team of the Transport Management Centre (TMC), TfNSW. He has 17 years of experience in traffic and transport planning for major events. Prior to joining the TMC he was working for the RTA State Network Services mainly working on traffic engineering projects.
This presentation will cover GIS utilisation within the TMC Major Events team during event planning and execution. These include event planning and operation mapping, and mobile GIS solutions using GPS tracking devices.

4. Trisha Moriarty, Manager Geoscience Data Management & Delivery, Geological Survey NSW
"Next generation data delivery for NSW's Geoscientific Data"
Trisha started originally in the cartographic section and currently manages the online spatial information systems. Her work encompasses all aspects of cartography, as she strives to find the right blend of aesthetics, functionality and performance in the delivery and visualization of spatial information. Geoscientific data held by the government is a valuable and strategic resource that is vital for Australia to remain competitive on the global stage and to ensure the sustainable management of our natural resources and the environment. Improving the accessibility of this data provides the opportunity for capitalising on the innovation and efficiency that can be achieved through new digital technologies and open data policies. This presentation will showcase two of the Geological Survey new data delivery systems that use modern open source technologies for searching and visualising the vast range of geoscientific data available in the Geological Surveys data repositories.Live demonstrations will provide of the new web mapping application MinView and the DIGS document archive, giving a glimpse of the vast range of data available. The greatest challenge is to deliver the system in the most sustainable form.

5. Christian Wolf is project scientist for the SkyMapper Southern Survey and Member of the Executive for the ARC Centre of Excellence in All-sky Astrophysics.
"Mapping the Sky - from ancient times to the modern Australian SkyMapper Telescope."
His science interests cover the evolution of galaxies and quasars over cosmic time, as well as the nature of stellar explosions. Christian spent part of his childhood in Sardinia, where he found his love for the night sky. He studied in the US and Germany and in 1999 obtained his PhD from the Max-Planck Institute of Astronomy in Germany. After a decade at Oxford University, he joined the ANU in 2013.
Mankind has mapped the skies throughout its history, to maintain calendars and support navigation, and also to perhaps gather insights into the heavenly order. Accurate measurements of planet positions have led to the discovery of the law of gravity and even modern physics thrives on comprehensive and accurate mapping of the cosmos. In particular, I will report on the Australian SkyMapper project, which creates the currently most detailed map of the Southern sky. SkyMapper started collecting data in 2014 and will finish in 2020. At that point it will have mapped and described several billion stars and galaxies in the Universe. Images as well as annotated catalogues will be released to the public, who can access the data via web browsers or dedicated Virtual Observatory software tools. I will highlight some of the planned scientific purposes that eagerly await this resource.

6. Brenton Ray, Spatial Services, DFSI
"Environmental Spatial Programs & SME update and Smart State NSW"
Brenton is currently the Supervisor of the Environmental Spatial Program for Spatial Services which are the custodians of the environmental theme in the Foundation Spatial Data Framework. His presentation will cover Environmental Spatial Programs update of imagery and elevation capture programs. An update of the Surface Model Enhancement project and an introduction of Smart State NSW transformation project including benefits to Tourism and Regional Development, Facilities and Asset Management, Emergency Management / Counter Terrorism and Environmental Management.