

These workshops are not included in your full conference registration fee. Please select the registration type **YP and Workshops** for online registration. If you experience any technical difficulties, please contact t: 02 9810 2701 or caryn@cmaevents.com.au *The fees quoted include 10% gst*

Workshops - Monday 15th April 2013		Fee
AURIN Workshop 0900– 1200 <i>(Morning Tea included)</i> An introduction to the AURIN Portal and a chance to explore the data services and interrogation tools currently available. This includes a number of hands-on exercises where participants will get to shop for data, run spatial analysis and statistics, visualize outputs, and explore advanced modelling and simulation tools. <i>(you will need your own Laptop)</i>		\$110
UAV Workshop 1400 – 1700 <i>(Afternoon tea included)</i> UAVs are potentially are great tool to cost effectively perform photogrammetric tasks. The aircraft and the camera systems are far cheaper than that of standard large format photogrammetric tasks. Australia is a large country and the ability to have many UAVs operating in various locations around the country is very attractive. Ongoing software and processing technique improvements mean that higher quality products are emerging from UAVs often without any changes in the methods or means of capture. Although capturing imagery is common practice, and the processing software is becoming more advanced and easier to use, an in depth understanding of photogrammetry is required to produce high quality products. The Workshop will cover these topics as well as the broader topics of Platforms and Payloads.		\$99
Workshops - Tuesday 16 April 2013		Fee
History and Heritage Workshop (half day) 0800-1300 or 1330 – 1700 <i>(morning or afternoon tour included)</i>		\$77
History and Heritage Workshop (full day) 0800 – 1700 <i>(morning tea, luncheon & afternoon tour included)</i> To celebrate Canberra's 100th birthday, the History and Heritage SIG has brought together eight speakers of note, each with a special story to tell. Some have studied their special subject for years, written books or spent months retracing the footsteps of their particular hero. Others have an ancestral link or a professional passion. But all will entertain and inform. There will be a special focus on the surveyors of Canberra but topics also include explorers and navigators famous and infamous. Presentations will be informal in the friendly atmosphere of a small workshop with plenty of opportunity for questions and answers. The workshop is open to non-SSSI members and you can register without attending any other Conference events.		\$132
Hydrography - Standards Workshop 0800 – 1200 <i>(morning tea included)</i> The Australian Hydrographic Service will be hosting – looking at the key requirements of: <ul style="list-style-type: none"> * uniformity in nautical charts and documents; * reliable and efficient methods of carrying out and exploiting hydrographic surveys; * future of hydrography, and increasing professionalism and education 		\$88
Cartography & Map Design 0900 – 1700 <i>(morning tea and luncheon included)</i> An effective map portrays a place, delivers a message, or reveals a pattern with representational accuracy and visual clarity. How to make that happen is the subject of this workshop, which gives GIS practitioners the practical information and techniques needed to create effective, successful maps in any display medium. To Register use this link: www.sssi.org.au/Events/Cartography-and-Map-Design-workshop/eid/653.html		
Using Point Cloud Data 0800-1200md <i>(Morning tea and Lunch - laptops included)</i> In this workshop, we will demonstrate how point cloud analysis technology can help leverage LiDAR and software-synthesized point clouds for classification, feature extraction, change detection, and creating info-clouds. While detailing those workflows, we will showcase our new tools for editing, measuring, analysing, detecting change, RGB encoding, and batch processing. For users without LiDAR resources, we will illustrate a cost-effective alternative – the generation of high-density point clouds using point correlation with stereo imagery. <i>Laptops will be provided</i>		\$253
A Multi-Dimensional Approach to Address Management 1300-1700 <i>(Lunch and Afternoon Tea provided)</i> The inability to effectively verify an address and accurately locate it is a problem that affects agencies at all levels of government throughout Australia. This issue promotes inefficiency within and across departments inhibiting their ability to collaborate and deliver effective and targeted services to citizens. A lack of governance in such a fundamental area of data management means fewer opportunities for genuine cost efficiencies, the potential for misuse of programme funds and poorly targeted services for citizens. You are invited to a workshop that looks to address these data governance challenges – mitigating them through the use of innovative technology and advanced data matching principles. You will learn how a multi-dimensional approach to address validation and geocoding maximises verification and enrichment to enable better outcomes for a variety of address quality business processes. The use of identity matching principles is also discussed in the context of resolving data discrepancies and improving identity resolution.		\$132
Young Professionals Project On 20 February 1913, Minister for Home Affairs, King O'Malley, hammered in the first peg to begin the "city of Canberra survey". Using state of the art spatial technologies they will attempt to find the exact position where the small wooden peg was driven into the ground.		\$0