Locate22
THE SURVEYING & SPATIAL EVENT
24 – 26 MAY

THE HUB
ROSHNI SHARMA LAURA KOSTANSKI DAYNA HAYMAN
Connect, Reflect & Engage

Day			Start time	End time	Session name	Session type	Session champion	Overarching questions
Strategic trends shaping the future of our industry	An exploration of the strategic trends and workforce needs for the spatial industry, which will inform the key capability requirements of future professionals	1 (Tue 24 May)	1130	1200	Resilience	Burning out potential users of EO as our industry grows: Coordinating spatial outreach	Brendon McAtee (FrontierSI), Sandra Cabrera Alvarado (ConnectEO Project), Tim Parsons (SmartSAT Aurora), Peta Neal (DataFarming), Paul Irving (SPREP)	*EO offers insights globally - so why are we acting locally?* *How are we in danger of burning out providers and users? How do we build these things so they are optimised for value delivery and get used well into the future?* *What inspiration can we take from programs currently underway?*
			1200	1230		Hub trends over the past three conferences	Locate Hub Team (Dayna Hayman, Roshni Sharma, Laura Kostanski)	*What themes, challenges and opportunities do we come up against year after year? What shifts have we made over time?*
			1230	1300	Creating opportunities	Opportunities for innovation: Industry, Defence and Government	Claire James, Andrew Coulls (Australian Geospatial-Intelligence Organisation), Dr Sebastien Wong (Defence Science and Technology Group), David Williams (Security and Estate Group)	*How is Defence working with industry to develop innovative approaches/ideas to problems?* *What initiatives have been developed and could inspire others to partner with Defence?* *What lessons have been learnt?*
			1300	1330		Investing in our future professionals	Hannah Martin, Locate Program Convenor	*How might we continue to invest in future career opportunities for YPs?* *What is important to YPs and what are the key trends for industry to understand?*
			1330	1400	Layers of the cake	Can you trust your positioning correction stream?	Ryan Ruddick, Brandon Owen, Tim Schryvers, Ruby James (Geoscience Austraia)	*How might precision technologies provide benefits to sectors outside the surveying and spatial industries?* *How might providers and users navigate access and security concerns?*
			1400	1430		Does Australian positioning data have a FAIR go?	Christopher Marshall (FrontierSI), Ryan Ruddick, Nick Brown, and Lori Mancell (Geoscience Australia)	*Every search begins with metadata, which need to be sufficient to support Findability, Accessibility, Interoperability, and Reusability. What are some of the FAIR challenges that data providers should be aware of, to support research and innovation using positioning data?* *With unrestricted access to the data you need, what might you be able to achieve?*
			1430	1500		Reaching new heights: new gravity data and a new height reference surface	Nicholas Brown (Geoscience Australia), Anna Riddell (Geoscience Australia), Thomas Grinter (NSW Department of Customer Service)	*Why do people need to care about higher accuracy heighting?* *What are the potential benefits from more precise/accurate location information?*
			1500	1530		Addressing the sparse data problem in our oceans	Josh Sixsmith & Kimberlee Baldry (Geoscience Australia)	*How do we create an industry culture of bringing the scientist to the data, rather than handing the data to the scientist?* *Are you ready to use software as a service is a practical and affordable solution to execute data science projects?*
			1530	1600	Resilience	Hub trends over the past three conferences	Locate Hub Team (Dayna Hayman, Roshni Sharma, Laura Kostanski)	*What themes, challenges and opportunities do we come up against year after year? What shifts have we made over time?*
			1600	1630		Project Sirius: Acknowledging future surveyors role in wider society	Lee Hellen (Kurloo)	*What are the skills surveyors hold that are highly valued and relevant today?* *What does a project look like for surveyors in 5-10 years time?* *What skills need to be recognised now (immediately) and in the future?*
			1630	1700		Hackathon	Vexcel	

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Where are the First Nations People in our industry?

It is critical that the spatial industry decolonise the methods, systems and policies which have informed much of its work to date. With the Decade of Indigenous Languages underway, now is the time to explore the critical steps required for reconciliation

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2 (Wed 25 May)	1020	1100	Morn tea	Keynotes - Technology and transformation	Fiona McKenzie (Orange Compass) Gemma Van Halderen (Australian Bureau of Statistics)	*What megatrends do we need to pay attention to so that our businesses and industry will prosper into the future?* *Data and precision doesn't always equal trust and belief - how do we bring culture, mindset and governance on this journey?* *How can business, academia, communities and government have a more united approach to facilitating changes in digital capabilities, technologies and services?*
	1300	1330	Lunch	Keynotes - Opportunities, innovation and inclusion	Mel Harris (ANZLIC), Dr James Johnson (Geoscience Australia), Eva Rodriguez Rodriguez (Independent); Callum Smith (EY - Space Technology), Aimee Cadan (Rork Projects)	*How might partnerships facilitate inclusion and ramp up innovation across the spatial industry?*
	1345	1515	Be Brave, Make Change	Engaging with and for Indigenous Communities	Gordon Ross (Geographic Names Victoria & First Peoples Group at Land Use Victoria), Susan Birtles (Chair ANZWGPN, Vice-Chair UNGEGN) Rafe Benli (Geographic Names Victoria) Lisa Powell (Geographical Names Board NSW)	*How might the spatial industry be brave and engage with Traditional Owners?* *How might the spatial industry be more culturally appropriate in working with Indigenous Communities?*
	1515	1545	Aft tea	Hub trends over the past three conferences	Locate Hub Team (Dayna Hayman, Roshni Sharma, Laura Kostanski)	*What themes, challenges and opportunities do we come up against year after year? What shifts have we made over time?*
	1545	1645	In conversation	Hub trends over the past three conferences	Locate Hub Team (Dayna Hayman, Roshni Sharma, Laura Kostanski)	

Breaking the bias in geospatial

the IWD theme for 2022 is to #breakthebias, and the Hub will be exploring the opportunities for the spatial industry to overcome all biases and meaningfully support the active participation of people from all genders, cultures, ages and across a range of physical/neurological capabilities.

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3 (Thur 26 May)	1010	1100	Morn tea	Keynotes - Communities and collaboration	Adrian Turner (Minderoo), Dr Monica Wachowicz (RMIT)	*Why is innovation so critical for geospatial at this particular point in time?*
	1100	1200	Breaking the bias	Where we are now: Inclusion@Work 2022 and what it means	Space, Spatial & Surveying Diversity Leadership Network (SSS-DLN) Convenors - Amelia Davies (Australian Bureau of Statistics), Matt Duckham (RMIT), Kellie Dean (Veris), Maurits van der Vlugt (Mercury Solutions), Roshni Sharma (FrontierSI)	*What successes have we seen for inclusion across the spatial industry?* *What can we learn from where we've tried?* *What are the persistent barriers in our way?*
	1200	1230		Future of the industry	Oscar So, Roshni Sharma	*YPs clearly have their finger on the pulse with what the future of the industry needs - why is nobody listening?* *https://sssi.org.au/sssi-community/special-interest-groups/young-professionals/yp-white-papers*
	1230	1300	Lunch	Keynotes - Technical innovators and business leaders	Dr Stefan Hrabar (Emesent), Kate Williams (FrontierSI), Lee Hellen (Kurloo), Allison Hornery (Cofluence), Brian Nichols (AAM)	*Why is business innovation the cornerstone of impact for future applications of spatial technology, data and systems?* *Individually, how do you activate your own innovation through balancing resilience and resourcefulness to create impact?*
	1250	1330		Vexcel Hackathon finalists	Vexcel	