Programme

Tuesday 22 Oct	**Plenary** Venue: Buttress						
5:30pm - 7:00pm	**Opening Plenary** Welcome: Patrick McKivergan, Esri South Africa Keynote: Aki Anastasiou						
7:00pm onwards	Dinner						

Wednesday 23 Oct	**Plenary** Venue: Buttress	**Tech Talks** Venue: Sentinel	**Industry Solutions** Venue: Monks Cowl	**Business Forum I Public Sector Forum** Venue: Summit	**Hands-on Learning** Venue: Ithaba	**Hands-on Learning** Venue: Ondini	**Hands-on Learning** Venue: Amphlet
9:00am - 10:30am	**Technical Plenary** Keynote: Jim Higgins, Esri Inc						
10:30am - 11:00am	Refreshment Break						
11:00am - 12:30pm		An innovative and engaging forum where industry experts will share their insights into the topics they are most passionate about, with thought-provoking comment on the application of trending topics in IT and GIS. **Nathi Dikwayo:** The dark side of the digital revolution. **Jim Higgins:** Can my Utility really be Smart? **Douglas Bradley:** Enriching simple things. **Mike Shaw:** An adventurer's tale. **Richard Kaufholz:** The mapping experience of the future.	**Asset Management for Utilities** Know what you have. ArcGIS is a complete field to office solution to map and manage your assets. **Matthew Pennells, Esri Inc.** Dx in the Utility Industry. **Tsholo Diphoko, DFA.** Enterprise use of GIS in a Telco. **Phil Mogavero, Cityworks.** Asset Management Solution. **Simon Bowe, Juniper.** Field Solutions. **Mbuyiselo Shongwe, eSwatini Electrical,** Survey123 for Asset Management at eSwatini Electricity.	**Data to Insights: The Evolution** Using data wisely to maximise profits in business. **Ravi Pillay, Esri South Africa,** Introduction **Alex Fortescue, Maxar,** Exploring how Imagery can be a Powerful Pathway to your Success. **Stuart Martin, Esri South Africa,** The Evolving Nature of Data in South Africa. **Martin de Lange, Lombard,** The Geospatial Journey: Data needs Technology.	**Training session 1** **Getting started with Survey 123** Level - Basic New to Survey123 for ArcGIS? Learn how to create and publish a survey using Survey Connect. Deon Lengton & Busisiwe Ngobe	**Training session 2** **Operational Reporting tools** Level - Basic You've done your analyses and now you need to share your findings. Learn how to use Operations Dashboard and Web App Builder to display and share your findings. Pieter van Jaarsveld & Cameron Muller	**Training session 3** **Seeing the Bigger Pixel** Level - Basic ArcGIS Pro includes a great deal of tools for working with imagery. Learn how to use these valuable tools to extract information from your imagery. Sean Cullen & Liezel Botha
12:30pm - 2:00pm	Lunch						
2:00pm - 3:30pm			**Situational Awareness: Analysing geographic risk.** Understand how location analytics helps to identify geographical risk to provide better situational awareness, that can assist in preventing events and managing reaction to them. **Greg Breetzke, University of Pretoria.** The importance of space and time in crime risk exposure. **Andrew Purdon, MAPSS,** Fire Monitoring and Management Solution **Matthew Pennells, Esri Inc,** How to manage risk that moves. **Richard Kaufholz, Esri South Africa.** Integrating geographic risk with real-time data into a common operating picture.	A **public sector** forum to discuss the vision of "a connected government" to access and share information, discussing current initiatives and the way forward. **Senzo Nkonyane, Esri South Africa,** Introduction and Overview. **Dr. SW Vatala, Knysna Local Municipality,** Management challenges in Local Authorities. **Lawrence Modise,** STATS SA, Underutilized Stats SA datasets and readiness for Census 2021. **Guy Bewsher , Ordnance Survey UK,** The role of spatial data in enabling the social-economic development of a nation. **Mfanafuthi Gama,** DRDLR, The NSPDR Ecosystem. **Celiwe Kgowedi,** Office of the Premier, Gauteng City Region Integrated Geospatial Data Platform. **Rudolf de Munnik, Esri South Africa,** Open discussion.	**Training session 4** **Survey123 Masterclass** Level - Advanced Take a deep dive into advanced techniques to implement custom validation rules, conditional statements to control the visibility of portions of your form, auto-calculation rules for attributes, integrate with other applciations using Webhooks and much more. Deon Lengton & Liezel Botha	**Training session 5** **Migrating from ArcMap to ArcGIS Pro** Level - All ArcMap users will discover more streamlined visualisation, editing, and analysis workflows using ArcGIS Pro. Busisiwe Ngobe & Joe Byrne	**Training session 6** **Making a Scene with Your Image** Level - Advanced Learn how to use ArcGIS Pro and the ArcGIS Image Analyst extension for image analyses. Sean Cullen & Stuart Martin
3:30pm - 4:00pm	Refreshment Break						
4:00pm - 5:00pm	Outdoor Sessions :	Giant Map, Soccer Volleyball, Spatial Walk			**Training session 4** Survey123 Masterclass	**Training session 5** Migrating from ArcMap to ArcGIS Pro	**Training session 6** Making a Scene with Your Image
7:00pm - 11:00pm	Dinner at Champagne Sports Resort and Social						

Thursday 24 Oct

Time	Plenary Venue:Buttress	Tech Talks Venue: Sentinel	Industry Solutions Venue: Monks Cowl	Developer Track Venue: Summit	Hands-on Learning Venue: Ithaba	Hands-on Learning Venue: Ondini	Hands-on Learning Venue: Amphlet	Partner | Exhibiton Day
9:00am - 10:00am	**Plenary Session** **Keynote:** Craig Beech, Peace Parks Foundation **Keynote:** Gary Lane, SiMINE @MandelaMiningPrecinct							
10:00am - 10:30am	*Refreshment Break*							
10:30am - 12:30pm		An innovative and engaging forum where industry experts will share their insights into the topics they are most passionate about, with thought-provoking comment on the application of trending topics in IT and GIS. **Sean Cullen:** The pixel that saved a life! **Michael Clark:** Underwriting: Subjective Objectivity. **Liezel Botha:** What makes your stores TICK? **Skhumbuzo Simelane:** Cognitive Buildings – Buildings that talk. **Stuart Martin:** Turn your Data into Action	**Water and Electricity Utilities Industry Session** Jim Higgins, Esri Inc: Digital transformation in utilities from an Esri perspective. **Donald Montoedi, Magalies Water.** Implementation of a Water GIS at Magalies Water **Hermien Bijker, Esri South Africa.** Modelling your utility network. **Jonathan Traut, Cape Town Electricity.** Implementing the new Utility Network. **Zweli Gwala – eThekwini Electricity.** An electrical GIS for eThekwini Municipality.	**Developer Track** Richard Kaufholz & Mike Shaw A deep dive session that will unpack some the best practices of architecting a successful Enterprise GIS system for your organisation, from automation to high availability and everything in between	**Training session 7** **Exploring Your Data with Smart Mapping** Level - Basic Struggling to find the best method to symbolise your data? Learn how Smart mapping will make you maps pop! Busisiwe Ngobe & Joe Byrne	**Training session 8** **Visualise Your Expression** Level - Basic No, its not a game - learn how this new expression langauge will make your life easier. Claudio Duarte & Cameron Muller	**Training session 9** **Spinning a Yarn with StoryMaps** Level - Basic Who doesn't like a good story? Learn how to combine maps, photos and content to tell a story worthy of a Pulitzer prize. Rudolf de Munnik & Mbalenhle Khambule	Live demonstrations and insights from our partners
12:30pm - 2:00pm	*Lunch*							

Thursday 24 Oct

Time	Plenary Venue:Buttress	Tech Talks Venue: Sentinel	Industry Solutions Venue: Monks Cowl	Developer Track Venue: Summit	Hands-on Learning Venue: Ithaba	Hands-on Learning Venue: Ondini	Hands-on Learning Venue: Amphlet	Partner | Exhibiton Day
2:00pm - 3:30pm		An innovative and engaging forum where industry experts will share their insights into the topics they are most passionate about, with thought-provoking comment on the application of trending topics in IT and GIS. **Busisiwe Ngobe:** Digital Transformation in the Dating Landscape **Gary Lane:** The most underrated commodity **Pieter van Jaarsveld:** From the Moon to your Park **Gregory Breetzke:** The risk of crime, and the crime of risk **Matthew Pennells:** What's the point in having it if you can't use it.	**ArcGIS for Local Authorities (AFLA)** AFLA is a suite of modules, tools and apps in support of legislative compliance and to enhance revenue generation within Local Authorities. **Mduduzi Nhleko, Stellenbosch Municipality,** Benefits of the AFLA Billing Viewer. **Nwabisa Pulumo, Ehlanzeni DM,** IDP Monitoring challenges. **Lizelle van der Wal, City of Tshwane,** Municipal Health Services Project. Facilitated by Esri South Africa	**Developer Track** **Extending the Platform** Mike Shaw & Richard Kaufholz Want to get more out of ArcGIS? This session will look at the various patterns for customising and extending ArcGIS from the Desktop to the Web	**Training session 10** **WebGIS: A workshop for administrators** Level - Advanced Learn how to setup, configure, manage users and much more in your ArcGIS Online organsation subscription. Liezel Botha & Mbalenhle Khambule	**Training session 11** **The Great (Data) Migration** Level - Advanced Do you find working with CAD and other non traditional spatial file formats daunting? Learn how to use advanced techniques to convert these formats into operational layers. Hermien Bijker & Claudio Duarte	**Training session 12** **Python for Everyone** Level - Basic Python scripts can reduce the time spent on complex or repetitive tasks, enabling GIS staff to be more efficient and productive. Learn how to create Python scripts to automate tasks related to data management, geoprocessing and analysis. Deon Lengton & Cameron Muller	Live demonstrations and insights from our partners
3:30pm - 4:00pm	*Refreshment Break*							
4:00pm - 5:00pm	Outdoor Sessions:	Giant Map, Soccer, Volleyball, Spatial Walk			**Training session 10** **WebGIS: A workshop for administrators**	**Training session 11** **The Great (Data) Migration**	**Training session 12** **Python for Everyone**	Live demonstrations and insights from our partners
7:00pm - 11:00pm	*Celebrating 30 | Venue: Buttress | Dinner*							

Friday 25 Oct

Time			Tech Workshop 1 Venue: Monks Cowl	Tech Workshop 2 Venue: Summit	Hands-on Learning Venue: Ithaba	Hands-on Learning Venue: Ondini	Hands-on Learning Venue: Amphlet	
9:00am - 10:30am			Understanding & Unpacking Lidar data Kelly Gaussen, Reigl and Francois Stroh, Horts	The Esri 3D Stack: Capture, Create, Visualise, Analyse Carl Bester and Esri South Africa team	Getting started with Survey 123 Level - Basic Deon Lengton & Busisiwe Ngobe	Operational Reporting tools Level - Basic Pieter van Jaarsveld & Cameron Muller	Seeing the Bigger Pixel Level - Basic Sean Cullen & Liezel Botha	
10:30am - 11:00am	*Closing Plenary | Venue: Sentinel*							

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esri South Africa