

GEO

GEOSYSTEMS

PROGRAMME GUIDE 2017



HxGN | LIVE

GREAT STORIES START HERE



TUESDAY, 13 JUNE

SUB-TRACKS
3D Laser Scanning/HDS
AEC & Building Industry
Geospatial Solutions
Machine Control & Heavy Construction
Surveying & Infrastructure

FOCUS AREAS	SYMBOL
Airborne Solutions	
Mobile Mapping	
GIS Asset Collection & Management	
Buildings/BIM	
HDS Civil/Infrastructure	
HDS-Forensics & Public Safety	
HDS-General	
HDS-Heritage/Archaeology /Entertainment	
HDS-Plant & Marine	
Mining	
Monitoring	
Surveying & Engineering	
UAV	

HANDS-ON SESSIONS	
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TECHNOLOGY SPOTLIGHT	
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RELATED SESSIONS

Look for the Related Sessions section to explore advantageous cross-track sessions.

08:00 a.m. - 10:00 a.m.	1110: HDS U - Leica ScanStation P30/40 Operation and Surveying Workflows (Hands-on Training) Titian - 2305	1116: HDS-U - Using 3DReshaper (Hands-on Training) Titian - 2306	1131: Laser Scanning for Forensics - Public Safety Group (Hands-on Training) Veronese - 2401 A/B	1118: HDS U - BIM Software Workflows Using CldWx for Revit and CldWx for Navisworks (Hands-on Training) Veronese - 2406	1135: An Introduction to LISTECH Neo - Your New Surveying and Geospatial Software (Hands-on Training) Veronese - 2501 A/B	1113: HDS U - Maximising the Measurement Tools in Cyclone (Hands-on Training) Veronese - 2502	1132: HDS U - Advanced Modelling Techniques Using Cyclone and CloudWorx (Hands-on Training) Veronese - 2503	1115: HDS U - Cyclone Tips / Tricks / Hidden Jewels (Hands-on Training) Veronese - 2504	1117: PSG Proficiency Testing (Hands-on Training) Veronese - 2405
10:00 a.m. - 12:00 p.m.			1120: Saving Time: Optimising Road Data Workflows (Hands-on Training) Veronese - 2401 A/B		1161: Processing Laser Scans into Plant Deliverables (Hands-on Training) Veronese - 2501 A/B				
12:00 p.m. - 01:00 p.m.	Lunch								
01:00 p.m. - 03:00 p.m.	1111: HDS U - Topographic Field & Office Workflows for Laser Scanning (Hands-on Training) Titian - 2305	1112: HDS U - Intermediate Registration Techniques (Hands-on Training) Titian - 2306	1130: Putting Surveying Technology to Work - Four Simple Ways to Supercharge Your Productivity (Hands-on Training) Veronese - 2401 A/B	1133: HDS U - Combining Point Cloud Data from Multiple Sources (Hands-on Training) Veronese - 2406	1134: GNSS Processing in Infinity (Hands-on Training) Veronese - 2501 A/B	1119: HDS U - Using the IMS Map360 by Leica Geosystems Software for Public Safety (Hands-on Training) Veronese - 2502	1121: HDS U - Using Leica CloudWorx for AutoCAD with Civil3D (Hands-on Training) Veronese - 2503	1114: HDS U - Introduction & Maximising TruView (Hands-on Training) Veronese - 2504	1160: Laser Scanning Proficiency for Public Safety (Hands-on Training) Veronese - 2405
03:00 p.m. - 05:00 p.m.			1136: New Performance in Image Production - HxMap Workflow (Hands-on Training) Veronese - 2401 A/B						
05:30 p.m.	1000: Keynote Series Premiere: Limitless Venetian Ballroom								
Immediately Following	Evening Event: La Bella Notte The Zone Halls C/D								



WEDNESDAY, 14 JUNE |

Geospatial Solutions, Machine Control & Heavy Construction, Surveying and Infrastructure, AEC & Building Industry & Related Sessions

	Geospatial Solutions	Machine Control & Heavy Construction	Surveying & Infrastructure		AEC & Building Industry		Related Sessions
07:00 a.m. – 08:00 a.m.	Breakfast The Zone						
08:00 a.m. – 08:30 a.m.	9201: High Efficiency Airborne Survey with DMC IIe - from Film to Digital ● Veronese - 2503				9101: Introduction to 3D Laser Scanning ● Veronese - 2403-2404		
08:30 a.m. – 09:00 a.m.	9202: High Resolution Airborne Surveys Using Large Format Cameras from Leica Geosystems Veronese - 2503 ●						
09:00 a.m. – 10:00 a.m.	Break The Zone						
10:00 a.m. – 10:30 a.m.	9203: HxMap - New Performance in Geospatial data Production Veronese - 2503 ●	9300: Skilled Operators - The Most Important Component of MC Veronese - 2504					3109: Aligning BIM and Geospatial: An Enterprise GIS-Based Project Management Portal ● Titian - 2203-2204
11:00 a.m. – 12:00 p.m.	9100: Geosystems Keynote with Hexagon Geosystems President Juergen Dold Perceptality – Fusing Reality and Perception ● Venetian Ballroom						
12:00 p.m. – 01:30 p.m.	Lunch The Zone						
01:30 p.m. – 02:00 p.m.	9204: Future Talk - Expert Panel Discussion. The World in 3D - Demand by a New Growing Market? ● Veronese - 2503	9301: Increasing Demands for Documentation in Construction Veronese - 2504	9034: An Innovator's Mindset: How to Apply Creative Thinking to Solve Complex Survey Challenges ● Veronese - 2501 A/B	9000: Digitalisation of the Site in the Building Construction Industry ● Veronese - 2502	9000: Digitalisation of the Site in the Building Construction Industry ● Veronese - 2502	9105: Optimised Workflows for Floor Flatness Deliverables ● Veronese - 2405-2406	
02:00 p.m. – 02:30 p.m.			9011: Modern Data Acquisition and Delivery ● Veronese - 2501 A/B			9115: Royal Sydney Golf Course: Scan to BIM ● ● Veronese - 2405-2406	
02:30 p.m. – 03:30 p.m.	Break The Zone						
03:30 p.m. – 04:00 p.m.	9205: High Efficient Urban City Mapping with Leica CityMapper in Florida ● Veronese - 2503	9305: Managing Large Construction Sites - MC Veronese - 2504	9003: Ernest Henry - Completion of a Major Underground Infrastructure Build ● Veronese - 2501 A/B	9015: Placing Sloped Concrete via Surface Layouts ● ● Veronese - 2502	9015: Placing Sloped Concrete via Surface Layouts Veronese - 2502 ●		
04:00 p.m. – 04:30 p.m.	9206: Exciting New Results from CityMapper Surveys in France ● Veronese - 2503		9018: First Principles and Big Data in Australian Underground Mine Surveying ● Veronese - 2501 A/B	9026: Collaboration in the Cloud - A Case Study on How Contractors Interact and Share Vital Utility Information as Part of a Major Infrastructure Project in Australia ● Veronese - 2502	9111: Investing in 3D Laser Scanning and Customised Workflows to Improve Project Accuracy and Speed in the Warehouse Automation Business ● Veronese - 2403-2404		
04:30 p.m. – 05:00 p.m.	9207: Fast, Efficient, Easy To Use - Processing CityMapper Data with Leica HxMap ● Veronese - 2503		9025: Leica Captivate Pipelines: How a Partnership Approach Transforms Pipeline Surveying ● Veronese - 2501 A/B	9400: How to Make the Most of a Fully Rendered Model in iCON Field Software Veronese - 2502	9112: Construction Monitoring, Verification and Fabrication with Aibotix UAV, HDS ScanStations, and SiTrack Mobile Rail System for Mexico City's First High-Speed Rail ● ● Veronese - 2403-2404	9116: A&E Firm Maximises Technology Adoption with Full Laser Scanning Solutions in Retail Store As-built Surveys Veronese - 2405-2406 ● ●	9400 : How to Make the Most of a Fully Rendered Model in iCON Field Software ● Veronese - 2502
05:00 p.m. – 05:30 p.m.			9036: Exploring Opportunities in Pipeline Surveying ● Veronese - 2501 A/B	9008: Survey Challenges of Constructing a Monster Development in Central Sydney ● ● Veronese - 2502		9008: Survey Challenges of Constructing a Monster Development in Central Sydney ● Veronese - 2502	9132: Early Adoption of the BLK360, Coupled with Cyclone REGISTER, to Support Rapid Growth in Office Space Redevelopment by WeWork ● ● ● Veronese - 2403-2404
05:30 p.m. – 07:00 p.m.	Evening Event: Cocktails & Conversations Venetian Pools						
07:00 p.m. – 09:00 p.m.	An Evening with the Stars Madame Tussauds, Las Vegas						



WEDNESDAY, 14 JUNE | 3D Laser Scanning/HDS

3D Laser Scanning/HDS			
07:00 a.m. – 08:00 a.m.	Breakfast The Zone		
08:00 a.m. – 08:30 a.m.	9181: Road Infrastructure Projects Using Mobile Mapping ● Veronese - 2402	9101: Introduction to 3D Laser Scanning ● Veronese - 2403-2404	9133: Leica HDS Laser Scanning and 3DReshaper as Valuable Tools in Student Workflow of Concrete Canoe Competition Team ● Veronese - 2405/2406
08:30 a.m. – 09:00 a.m.	9196: Combined Leica Pegasus:Two and Pegasus:Backpack data on large construction site. ● ● Veronese - 2402		9140: HDS for design, delivery and stakeholder buy-in for a safety upgrade to 'The World's Shortest Railway' ● Veronese - 2405/2406
09:00 a.m. – 10:00 a.m.	Break The Zone		
10:00 a.m. – 10:30 a.m.	9183: Accelerated Data Extraction From Mobile Mapping Data with Streamlined Workflows from Autodesk ● Veronese - 2402	9135: Aerospace Industry use of HDS technology for Automatic Quality Control of Airline Seats ● Veronese - 2403-2404	
11:00 a.m. – 12:00 p.m.	9100: Geosystems Keynote with Hexagon Geosystems President Juergen Dold Perceptality – Fusing Reality and Perception ● Venetian Ballroom		
12:00 p.m. – 01:30 p.m.	Lunch The Zone		
01:30 p.m. – 02:00 p.m.	9182: Working with Your Client Using Mobile Mapping ● Veronese - 2402	9126: Precise 3D Data Generation of Protected Heritage Rail Tunnels for Next Generation Trains ● ● Veronese - 2403-2404	9105: Optimised Workflows for Floor Flatness Deliverables ● Veronese - 2405-2406
02:00 p.m. – 02:30 p.m.	9198: Reality Capture Workflows for the Pegasus:Backpack - Taking Data Into Simulation or Gaming Solutions ● Veronese - 2402	9118: Staying Competitive While Adapting to New Technology and Markets Through Expertise in Fully Utilising Current Tools ● Veronese - 2403-2404	9115: Royal Sydney Golf Course: Scan to BIM ● ● Veronese - 2405-2406
02:30 p.m. – 03:30 p.m.	Break The Zone		
03:30 p.m. – 04:00 p.m.	9180: Rail Survey and Investigations with Pegasus: Two ● Veronese - 2402	9138: Finding a Scalable Solution with TruView to Meet Customer Demands ● Veronese - 2402-2403	9124: Added-Value Scanning: Engaging with a Customer, Including Providing Software Training, to Beat out the Competition in a Major Supermarket Chain BIM Project ● Veronese - 2405-2406
04:00 p.m. – 04:30 p.m.		9111: Investing in 3D Laser Scanning and Customised Workflows to Improve Project Accuracy and Speed in the Warehouse Automation Business ● Veronese - 2403-2404	9130: Using Leica HDS Solutions for Conference and Exhibit Event Planning ● Veronese - 2405-2406
04:30 p.m. – 05:00 p.m.		9112: Construction Monitoring, Verification, and Fabrication with Aibotix UAV, HDS ScanStations, and SiTrack Mobile Rail System for Mexico City's First High-Speed Rail ● Veronese - 2403-2404	9116: A&E Firm Maximises Technology Adoption with Full Laser Scanning Solutions in Retail Store As-built Surveys ● Veronese - 2405-2406
05:00 p.m. – 05:30 p.m.		9132: Early Adoption of the BLK360, Coupled with Cyclone REGISTER, to Support Rapid Growth in Office Space Redevelopment by WeWork ● ● Veronese - 2403-2404	
05:30 p.m. – 07:00 p.m.	Evening Event: Cocktails & Conversations Venetian Pools		
07:00 p.m.	An Evening with the Stars Madame Tussauds, Las Vegas		



THURSDAY, 15 JUNE

Geospatial Solutions, Machine Control & Heavy Construction, Surveying and Infrastructure, AEC & Building Industry & Related Sessions

	Geospatial Solutions	Machine Control & Heavy Construction	Surveying & Infrastructure	AEC & Building Industry			
07:00 a.m. – 08:00 a.m.	Breakfast The Zone						
08:00 a.m. – 08:30 a.m.	9208: Great Skiing Pleasure on Perfect Slopes -Steering Snow Grooming Machines Inch-Perfectly by Airborne LiDAR Data ● ● Veronese - 2503			9401: The Business Case for a Round Trip BIM Approach ● Veronese - 2401 A/B			
08:30 a.m. – 09:00 a.m.	9209: Leica HxMap High-Performance LiDAR Workflow in RealWorld and RealTerrain ● Veronese - 2503		9032: New Champlain Bridge: Raising the Bar on Bridge Construction Methods ● Veronese - 2501 A/B	9409: Large Building Construction Jobsites: Layout Workflows and QC ● Veronese - 2401 A/B			
09:00 a.m. – 10:00 a.m.	Break The Zone						
10:00 a.m. – 10:30 a.m.	9210: SPL100 vs ALS80 - Competitive or Complementary? ● Veronese - 2503	9306: Connectivity Layers in Horizontal Construction Process Veronese - 2504	9007: MS60 Scanning Application for Prefabricated Bridge Construction - Veronese - 2501 A/B - THIS SESSION IS CANCELLED	9023: State of the Art Monitoring and Navigation on Sydney's Mega Tunnelling Projects ● Veronese - 2502	9402: Easy ROI with Construction Scanning: 5 Rapid Fire Workflows ● Veronese - 2401 A/B	9117: A General Contractor's Newest Tools in the Toolbox: the ScanStation P40, Cyclone, and TruView ● ● Veronese - 2405-2406	
10:30 a.m. – 11:00 a.m.	9211: Evaluation of the SPL100 Single Photon LiDAR System Veronese - 2503		9012: Building in the Reality Cloud ● Veronese - 2501 A/B	9017: Integrated Near Real-time Monitoring - A Practical Example of Leica TM50 & GeoMoS ● Veronese - 2502	9403: How to Fast Track BIM with the ScanStation P40 ● Veronese - 2401 A/B	9012: Building in the Reality Cloud ● Veronese - 2501 A/B	9017: Integrated Near Real-time Monitoring - A Practical Example of Leica TM50& GeoMoS ● Veronese - 2502
11:00 a.m. – 11:30 a.m.	9212: Single Photon LiDAR - New Projects, Updates on Performance ● Veronese - 2503	9308: Productivity Gains Made by Moving 3D Models Directly into the Construction World Veronese - 2504	9013: Hi-Rise Concrete Construction - Advancing Schedules & Accuracy - Veronese - 2501 A/B - THIS SESSION IS CANCELLED	9033: Simple Harmonic Motion (SHM): It's more than just a squiggly line! ● Veronese - 2502	9404: Plan & Control - Validating the Model in the Field with Reality Capture - Veronese - 2401 A/B - THIS SESSION IS CANCELLED	9013: High-Rise Concrete Construction - Advancing Schedules & Accuracy ● ● Veronese - 2501 A/B	9102: The Future of HDS/ Laser Scanning Software and Demos of the Latest Features ● ● Veronese - 2403-2404
11:30 a.m. – 12:00 p.m.	9213: HxCP - The Hexagon Content Program Veronese - 2503		9021: Essential Use of Leica MS50 Combined with Viva and Captivate Software in Tunnel Furnishing Projects ● Veronese - 2501 A/B	9027: A New Interferometric Solution for Real-time Monitoring ● Veronese - 2502	9411: Simplicity is the New Black Veronese - 2401 A/B		
12:00 p.m. – 01:30 p.m.	Lunch The Zone						
01:30 p.m. – 02:00 p.m.	9214: Integrated Use of Leica Geosystem's Airborne Sensors for Major Mapping Projects ● Veronese - 2503	9307: Digitising Roadwork Veronese - 2504	9002: Captivating Road Stake-out Workflow ● Veronese - 2501 A/B	9024: GeoMoS Imaging - High Resolution Image Monitoring for Detailed Documentation and Visual Inspection ● Veronese - 2502	9405: Reality Capture Simplified - Autodesk ReCap Pro for Mobile and Leica BLK360 ● Veronese - 2401 A/B		
02:00 p.m. – 02:30 p.m.			9022: Successful immersion of aqueducts and tunnels with the Leica TS60 and internal camera ● Veronese - 2501 A/B	9010: A Successful Solution for Automated Dam Monitoring ● Veronese - 2502	9406: Round Trip BIM Workflows that Maximize Efficiency and Productivity ● Veronese - 2401 A/B		
02:30 p.m. – 03:30 p.m.	Break The Zone						
03:30 p.m. – 04:00 p.m.	9216: Chiroptera II Operation in a Helicopter, Its Efficiency and Application for Infrastructure Maintenance in Japan ● Veronese - 2503		9014: The World of SmartNet, On-stage and behind the Scenes ● Veronese - 2501 A/B	9037: What's Next on UAV Portfolio from Leica/ Aibotix and DJI? ● Veronese - 2502	9407: Moving from Blue: Adopting iCON When Your Crews Just Know "The Other Guys" ● Veronese - 2401 A/B		
04:00 p.m. – 04:30 p.m.	9217: Experiences with a Modular Airborne Topo and Bathymetry LIDAR System - the Leica HawkEye3, Chiroptera II and Dual-Head DragonEye Veronese - 2503		9006: Monitoring the -Shaky Isles- the New Zealand Experience ● Veronese - 2501 A/B	9038: UAV for Urban Construction Sites - How Surveying Engineers Use UAV in Their Daily Business ● ● ● Veronese - 2502	9408: iCON Hacks: 10 Things You Didn't Know About iCON build Software That Will Make Your Job Easier ● Veronese - 2401 A/B		
04:30 p.m. – 05:00 p.m.	9218: Megatrends Driving the Need of Shallow Water Mapping ● Veronese - 2503		9004: Development of a Professional Services Organisation towards an Integrated 3D Technology Focused Business. ● Veronese - 2501 A/B	9005: The Power of 3D Reshaper in a UAV Workflow. Important Processes and Customer Examples ● Veronese - 2502	9410: Realizing the Connected Jobsite: Transforming Field Operations with Mobility Veronese - 2401 A/B		
05:00 p.m. – 05:30 p.m.			9029: Driving Performance in Sports with a Leica TS16 I and Captivate software ● Veronese - 2501 A/B	9039: How Measure Uses UAV for critical Infrastructure Inspection ● Veronese - 2502			
07:30 p.m. – 09:30 p.m.	Evening Event: Ultra Red "The TAO Nightclub" (Near Upper Level Doge's Palace Entrance)						



THURSDAY, 15 JUNE

3D Laser Scanning/HDS

3D Laser Scanning/HDS			
07:00 a.m. – 08:00 a.m. Breakfast The Zone			
08:00 a.m. – 08:30 a.m.	9108: Using HDS to Grow an Engineering and Design Firm’s Small Internal Geospatial Team to 25% of the Firm’s Business ● ● Veronese - 2403-2404	9186: Mobile Mapping Experiences at Oregon Department of Transportation ● Veronese - 2402	9123: Using HDS to Reverse Engineer Fuel Tank Volumes for Ship Tank Tables ● Veronese - 2405-2406
08:30 a.m. – 09:00 a.m.	9110: Communication with Customers via the Cloud: Use of TruView Global for Collaboration ● ● Veronese - 2403-2404	9184: Experiences with Pegasus:Two in Mobile Mapping ● Veronese - 2402	9139: Developing Custom Parametric Modelling Tools for Plant Modelling with Cyclone’s Python Scripting Feature ● Veronese - 2405-2406
09:00 a.m. – 10:00 a.m. Break The Zone			
10:00 a.m. – 10:30 a.m.	9113: Using JetStream with Civil 3D: Helping Engineers to Be Better Informed with All the Data ● ● Veronese - 2403-2404	9194: Rail Applications in Japan with the Pegasus:Two ● Veronese - 2402	9117: A General Contractor’s Newest Tools in the Toolbox: the ScanStation P40, Cyclone, and TruView ● ● Veronese - 2405-2406
10:30 a.m. – 11:00 a.m.	9122: Utilising HDS Data for Surface Water Flow Modelling at the University of British Columbia Okanogan - an Integration with Geographic Information Systems (GIS) ● Veronese - 2403-2404	9195: Shoreline Monitoring and Shoreline Protection Using a Mobile Mapping System on a Boat ● Veronese - 2402	9121: Laser Scanning for Oil and Gas: From Scan-to-Model for Plant Relocation to Brownfield Development Surface Grading ● Veronese - 2405-2406
11:00 a.m. – 11:30 a.m.	9102: The Future of HDS/Laser Scanning Software and Demos of the Latest Features ● Veronese - 2403-2404	9197: Road Infrastructure - Mobile LiDAR in India ● Veronese - 2402	
11:30 a.m. – 12:00 p.m.		9191: Examples of Large Scale Design & Asset Management Projects Using Data Obtained from Leica’s Pegasus: Two Mobile Mapping System ● Veronese - 2402	
12:00 p.m. – 01:30 p.m. Lunch The Zone			
01:30 p.m. – 02:00 p.m.	9136: Using Our ScanStation C10 to Produce TruViews and Scale Diagrams in Accident Reconstruction ● Veronese - 2403-2404	9192: Using Pegasus:Two and SiTrack:One in Mexico ● Veronese - 2402	9134: The advantages of using Leica HDS and INTERGRAPH solutions together while reconstructing iron and steel facilities ● Veronese - 2405-2406
02:00 p.m. – 02:30 p.m.	9131: How an Engineering Firm Specialising in Accident Reconstruction Uses HDS Technology and Surveyors for Civil Municipality Files ● Veronese - 2403-2404	9190: Mobile Mapping for the Masses- Pegasus Data in Cyclone and CloudWorx ● Veronese - 2402	9137 : The Advancement of Work Flow Using the P40 scanner, Cyclone, JetStream, and CloudWorx ● Veronese - 2405-2406
02:30 p.m. – 03:30 p.m. Break The Zone			
03:30 p.m. – 04:00 p.m.	9127: Laser Scanning 52 Historic Military Tunnels Along a 6.4km Pass through the Alps ● ● Veronese - 2403-2404	9189: Smart Cities Using Mobile Mapping ● Veronese - 2402	9120: York Regional Police’s Workflows and Techniques Using Combined Sensors for Forensic Mapping of Crime Scenes ● Veronese - 2405-2406
04:00 p.m. – 04:30 p.m.	9125: Portland Police Bureau’s Investigation of an Urban Natural Gas Explosion with a Laser Scanner and Supplying Deliverables via TruView ● Veronese - 2405-2406	9187: ProScan Increases the Productivity of a Highway Project in Germany ● Veronese - 2402	9119: Using HDS to Provide Enhanced Quality Control of Mobile Mapping Data on a Major Motorway Infrastructure Upgrade ● Veronese - 2403-2404
04:30 p.m. – 05:00 p.m.	9128: The Alamo: Still a Battle ● ● Veronese - 2403-2404	9188: Opportunities to Combine Traditional and Mobile Survey ● Veronese - 2402	
04:30 p.m. – 05:30 p.m.	9109: New Features for Forensic Incident Mapping in IMS Map360 ● Veronese - 2405-2406		
05:30 p.m. – 06:30 p.m.	Cyclone Immersive Experience Titian - 2306		
07:30 p.m. – 09:30 p.m. Evening Event: Ultra Red “The TAO Nightclub” (Near Upper Level Doge’s Palace Entrance)			



FRIDAY, 16 JUNE |

3D Laser Scanning/HDS, Surveying and Infrastructure, AEC & Building Industry & Related Sessions

	3D Laser Scanning/HDS	Surveying & Infrastructure	AEC & Building Industry
07:00 a.m. – 08:00 a.m.	Breakfast The Zone		
08:00 a.m. – 08:30 a.m.	9141: Cyclone REGISTER Innovations: New Ways to Approach Registration Veronese - 2403-2404		
08:30 a.m. – 09:00 a.m.	9114: Subterranean HDS Surveying for above Ground Development • Veronese - 2403-2404		
09:00 a.m. – 10:00 a.m.	Break The Zone		
10:00 a.m. – 10:30 a.m.	9104: HDS Product Input Session • Veronese - 2403-2404	9020: Re-enable Congo River as a Transport Infrastructure – An African Value Chain Integration Veronese – 2501 A/B – THIS SESSION HAS BEEN CANCELLED	9001: Optimising Field Productivity with Cutting-edge GIS/ GNSS Solutions • Veronese - 2502
10:30 a.m. – 11:00 a.m.		9016: Road Information and Management System Using Geomatics Tools • Veronese - 2501 A/B	2119: Improving Construction by Connecting Siloed Information with HxGN SMART Build • Marco Polo - 804-806
11:00 a.m. – 11:30 a.m.	9103: Technical Insights into HDS/Laser Scanning Innovations • Veronese - 2403-2404	9031: Building World’s Largest Vessel “Pioneering Spirit” – The Value of Spatial Analyser • Veronese - 2501 A/B	9019: Geolantis.360 - The New System for Integrating Spatial Data Management and Workforce Planning • Veronese - 2502
11:30 a.m. – 12:00 p.m.		9028: Use of STREAM EM Multichannel 3D GPR Combined with Traditional Methods for Utility Mapping in California • Veronese - 2502	9103: Technical Insights into HDS/Laser Scanning Innovations • • Veronese - 2403-2404
12:00 p.m. – 01:30 p.m.	Lunch The Venetian Ballroom		
01:30 p.m. – 02:30 p.m.	REGISTER360 Focus Group Veronese 2403-2404		