

Airborne User Group Meeting

Real world to digital world



REGISTER
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NEW IN 2017
Experience Single Photon LiDAR

22 - 24
FEBRUARY 2017



DUBLIN,
IRELAND



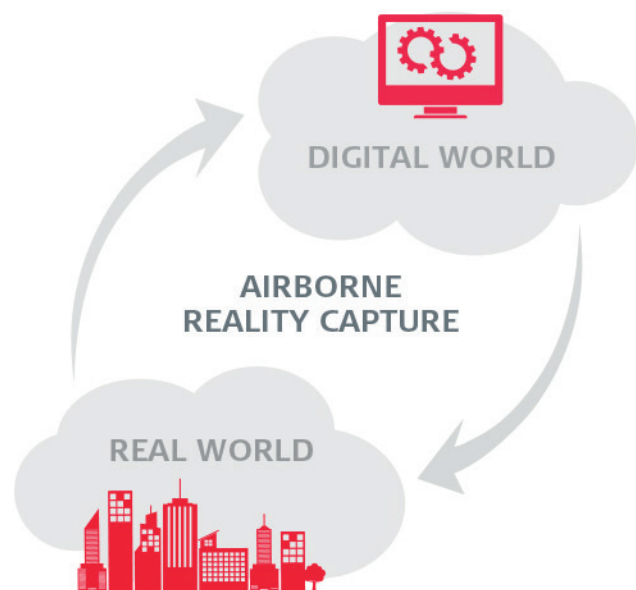
- when it has to be **right**

Leica
Geosystems

Advancing airborne innovation

The Airborne User Group Meeting 2017 will take place from 22 – 24 February in Dublin, Ireland and will be hosted by our valued customer Ordnance Survey Ireland (OSi).

Join this exclusive industry conference for airborne imaging and LiDAR solutions to get the latest market updates, customer case studies, future development plans, and up-to-the-minute insights on new sensors and software; all in Ireland's historic capital where you can enjoy a perfectly poured Guinness straight from the source.



New in 2017

- Future Talk: Smart Cities – Are we ready for 3D?
- Experience Single Photon LiDAR (SPL)
- New data sets from Leica CityMapper hybrid sensor

Registration rates

Companies with Customer Care Package:
Free of charge

Companies without Customer Care Package:
EUR 95.00* | EUR 195.00

*Early bird rate applies until 31 December 2016

Venue

The event will take place in the iconic Dublin Castle, one of Ireland's major historic sites. From the founding of the Celtic settlement to every Presidential inauguration since, it has stood witness to some of the most pivotal events in the country's history. www.dublincastle.ie



Accommodation

Fifteen minutes from Dublin International Airport, Portmarnock Hotel & Golf Link enjoys an unmatched coastal location with breathtaking sea views. Special rates* apply for UGM 2017 attendees. The bookings will not be facilitated by the organiser. www.portmarnock.com



* Booking code provided upon registration



Register at www.leica-geosystems.com/UGM2017

Preliminary agenda at a glance

	WEDNESDAY 22 FEBRUARY	THURSDAY 23 FEBRUARY	FRIDAY 24 FEBRUARY	SATURDAY 25 FEBRUARY
	Hotel	Dublin Castle	Dublin Castle	Hotel
	Arrival	Shuttle Bus	Shuttle Bus	<div></div>
08:30 - 09:00		Welcome Coffee	Welcome Coffee	
09:00 - 10:30		1702 Efficiency in LF Camera Operation Leica ADS100 / DMC III Update	1706 SPL100 vs Leica ALS80 Complementary or Replacement?	
			1707 Hexagon Content Program	
10:30 - 11:00		Coffee Break	Coffee Break	
11:00 - 12:30		1703 New Performance in Image Production HxMap RealWorld Workflow	1708 Future Talk „Smart Cities – Are we ready for 3D?“	
12:30 - 13:30		Lunch	Lunch	
13:30 - 15:00	Hands On Workshop	Dublin city Shopping Free time	1709 Mobile Mapping & UAV New Features & Partnerships	<div></div>
15:00 - 16:30	Imaging HxMap, XPro, RealWorld, RealCity	1704 Smart 3-D City Mapping Leica CityMapper & RealCity	Shuttle Bus	
	LiDAR LiDAR Survey Studio, CloudPro			
16:30 - 17:00		Coffee Break		
17:00 - 18:30		1705 Bathymetric LiDAR Chiroptera II & HawkEye III Case Study: SHOM Litto3D Project, French Coastline		
18:30 - 19:00	1701 Welcome	Shuttle Bus		
19:00 - 20:00	Welcome Reception	Guinness Storehouse Guided Tour		
20:00 - 22:00	Dinner	Dinner at Guinness Storehouse		
		Shuttle Bus		

This programme is subject to change. Last updated - 01.17. More detailed programme to follow.



Register at www.leica-geosystems.com/UGM2017

Programme highlights

Welcome Reception, Session 1701

Wednesday, 22 February, 18:30 – 18:50

- 18:30 – 18:35 John Welter, President Hexagon Geosystems, Geospatial Solutions Division
Welcome to the Leica Geosystems Airborne User Group Meeting 2017
- 18:35 – 18:40 Colin Bray, Chief Executive and Chief Survey Officer, Ordnance Survey Ireland (OSi),
Welcome to OSi, welcome to Dublin
- 18:40 – 18:50 Dr. Hartmut Rosengarten, Director Airborne Solutions EMEA, Leica Geosystems
Welcome and programme overview

Efficiency in Large Format Camera Operation, Session 1702

Thursday, 23 February, 9:00 – 10:30

Leica Geosystems large format imaging sensors: Higher acquisition efficiency, more applications and reduced costs with 21st century airborne imaging technology. Future outlook on requirements and market trends.

- 9:00 – 9:30 Andy McGill, General Manager for Surveying and Remote Sensing, Ordnance Survey Ireland (OSi), Ireland
Maintaining a National Object Data Model effectively with the next generation of remote sensing technologies
Having successfully moved from managing over 5000 large-scale topographic map sheets to a single database consisting of 50 million uniquely referenced real world objects, the challenge now is to find the most efficient and effective methodologies to ensure its ongoing consistency with the changing real world.
- 9:30 – 10:00 Withold Kuznicki, Key Account Director, MGGP Aero, Poland
Shaping smart change - DMC I + II + III camera operation by MGGP Aero
Revolutionising airborne photogrammetry in Poland
- 10:00 – 10:30 Klaus Neumann, VP Airborne Imaging, Leica Geospatial Solutions Division (GSD)
Leica's large format imaging sensors, benefits, advantages and differentiators
Product overview, updates, news



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Programme highlights

Future Talk Panel Discussion, Session 1708

Friday, 24 February, 11:00 – 12:30

Smart Cities – Are we ready for 3D?

3D data is widely talked about since Google Earth made it freely available to everyone. Investment into the capture and visualisation of 3D data is increasing and companies like HERE, co-owned by German automotive companies Audi, BMW and Daimler, use their own fleet (more than 200 cars) to collect dense point cloud data around the world to build a global 3D routing map. In the United States a private corporation started the 3D Elevation Program (3DEP) and in the professional mapping market, Leica Geosystems introduced Leica RealCity, an airborne 3D reality capture solution. RealCity combines the world's first fused oblique imaging and LiDAR sensor Leica CityMapper with the Leica HxMap high-performance post-processing platform. Sigma Space (part of Hexagon Geosystems) is developing Single Photon LiDAR (SPL) technology for large area elevation data capture, which might become essential e.g. to plan routes for autonomously driving cars with limited battery power.

These projects represent the future. But what about today? Does the technology that we need right now exist? Should city administrations and National Mapping Agencies drive the change? Is this a challenge that needs to be resolved on a global scale? And are we actually ready for 3D?

Golf Fun & Game Challenge, Social Programme

Saturday, 25 February, 10:00 - 13:00*

Golf Fun & Game Challenge for everyone on Portmarnock PGA Championship Golfcourse

Did you ever want to feel like golf legends Tiger Woods, Jack Nicklaus or Gary Player? Did you ever want to sink a one-million-dollar put? Here is your chance! For everybody, even if you've never played before. You don't need any golfing knowledge or experience.

This is fun for everyone. Well, to be honest, we won't really play for a one-million-challenge but we have prepared some funny and entertaining games and a training session with professional golf teachers. So, everyone can join and enjoy the fascination of golf. Learn to chip and put and win some nice prizes.

Program:

- Teaching Lesson with professional golf pro
- Chip'n put competition
- Nearest to pin competition

Clubs (irons, woods), golf balls, etc. will be provided – just come with sport shoes.

Players with a HCP of 36 or better can book a tea time on the multiple awarded 18 hole PGA championship course, designed by Bernhard Langer: wolfgang.hesse@leica-geosystems.com

In case of severe weather conditions the Golf Fun & Game Challenge will be cancelled.

*) Time is subject to change



Register at www.leica-geosystems.com/UGM2017

Programme highlights

Whiskey Distillery Tour, Social Programme

Saturday, 25 February, 10:00 - 13:00*

The Teeling Whiskey Distillery Dublin – Guided Tour

The Teeling Whiskey Distillery is Dublin's newest destination for whiskey fans and for anyone with an interest in Dublin's long lasting association with Irish Whiskey. Located in the heart of Dublin City Centre, in the historic Liberties, the Teeling Whiskey Distillery is the only operational distillery in the city and home to the Spirit of Dublin.

We will take a fully guided tour and offer the chance to experience the complete whiskey making process with a Teeling Whiskey Ambassador. The tour concludes with a tasting of the award winning Teeling Whiskeys, with a selection of tasting options available to suit the novice and aficionado alike.

Transport from and to Portmarnock Hotel by shuttle bus.

*) Time is subject to change

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