

PRESENTATION SUMMARIES

LINTON SUITE

09.45 – 10:05 **Sogelink Group**

Bring The AutoCad Technology To The Field For GIS And Surveying

Since 1992 Atlog creates and develops custom business solutions for surveying, construction, and civil engineering.

With Land2Map surveying solution, bring the power of AutoCad to the field.

LAND2MAP is a unique software solution on a touchscreen tablet, which sets itself apart on account of its compatibility with the main instruments available on the market : total stations, GPS

This presentation will focus on the new GIS module: add attribute values directly on the field. This new module can be used for land surveying applications that require centimeter accuracy.

10.15 – 10.35 **Blue Marble Geographics**

Custom Feature Extraction From LiDAR Data

Often considered beyond the reach of many budgets, GIS technology is now part of the daily workflow for local government departments and businesses of every size. No longer constrained by overly complex software requiring highly skilled technicians, or by expensive acquisition and maintenance costs, GIS professionals are learning the value of GIS self-sufficiency. In this presentation, we will take a look at a low-cost GIS software alternative that is ideally suited to the challenges of today's GIS professionals. Using Global Mapper we will demonstrate some of the basic principles of GIS development, where to find data, and efficient spatial data management.

10.45 – 11.05 **SkylineGlobe UK**

3D Visualisation Of Geospatial Data, Terrain, Images, Point Clouds & City Models

As 3D geospatial data availability increases this talk looks at ways that GIS users can view and analyse their data in a 3D environment. Working in 3D has many challenges but gives a far more insightful view of the real world. A live demonstration will show how 3D geospatial data can be used in both desktop and web based applications.

A system to rapidly create detailed textured city models will be shown together with ways in which these models can be used in a variety of applications including city planning, security and mobile network planning.

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11.35 – 11.55 Sterling Geo

Turning Data Into Knowledge

As the power of cloud processing enables more cost effective data storage and facilitates the ability to update information automatically, the geospatial and earth observation (EO) industry is changing and fast! Hexagon Geospatial M.App Portfolio allows users and organisations to extract intelligent information and display it in a business intelligence (BI) dashboard. It also offers game-changing and innovative pricing models which give users the opportunity to pay per use and even turn their requirements into a revenue stream across a global marketplace. This visualisation shift of information movement enables organisations to present important insights to business owners and leaders in a way they can easily understand and use towards making business-critical decisions. This presentation will provide an overview of the Hexagon Geospatial M. App Portfolio and examples where Sterling Geo have created BI dashboards from EO and Geospatial data.

12.05 – 12.25 Resource Group

External Service Delivery Or Internal Capability, Considerations When It Comes To Drones For Survey And Inspection

Due to Remotely Piloted Air Systems (RPAS) Unmanned Aerial Vehicles (UAV) or simply Drones being an emerging technology, it is sometimes difficult knowing whether to grow the capability yourself as a business or outsource the tasks to professional service providers. Resource Group UAS has trained in excess of 1300 drone pilots and has a successful Service Delivery team so are well placed to give an impartial view of the issues.

12.35 – 12.55 Topcon

Flying The Unflyable

An overview talk on how UAVs are transforming the survey and mapping industries and replacing traditional methods of data collection. Looking at the different types of systems available and the Field to Finish workflow.

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13.35 – 13.55 Land Registry

Land Registry Data – How It's Driving Economic Growth

The presentation will cover Land Registry's strategic direction for data releases outside statutory obligations. It will cover who Land Registry are; examples of what data is available and some of the uses within wider markets.

14.05 – 14.25 Gavurin

Reporting The World's Data

Not provided

14.35 – 14.55 Virtualis

BIM On A National Scale - The Role Of Geoscience In Resource And Asset Management Using GEOVISIONARY

The British Geological Survey has constructed 100's 3D geological models at various scales which can be used at a very early stage to augment the planning phase of BIM type site specific projects. Communication and knowledge exchange is vital to ensure that the key points are taken into the design phase to ensure that the resources are used efficiently when considering geological hazards and mitigating against future environmental change. Using 3D and 4D visualisation such as that in GeoVisionary helps to do this, as many datasets can be visualised together in a virtual reality environment to aid this communication.