

AUGluk and Autodesk
would like to invite you to a
Geospatial User Group Meeting
to be held at
Autodesk UK, Farnborough, Hants
on
Tuesday 16th February 2010 starting at 09:45

This user group meeting organised jointly by AUGluk (Autodesk User Group International) and Autodesk gives 'us' the opportunity to explain the latest in Geospatial products and data and 'you' to share your ideas and experiences.

Join us in the programme

- 09:30 **Registration**
- 09:45 **Introduction**
Philip Madeley, Chairman AUGluk
- 09:50 **Welcome!**
Tracey Stone, Autodesk Emerging Industries Sales Manager, Northern Europe
A welcome address from Autodesk
- 10:00 **What's new in AutoCAD Map?**
Greig Richardson, BenchMarq Ltd
Greig, an experienced AutoCAD user, will explain the new functions available in AutoCAD Map 2010 and how they can both save you time and improve the quality of the CAD and GIS data in your day to day work. Greig will also show you some of the coolest functions in AutoCAD Map that you may have forgotten about!
- 10:40 **Sharing data between GIS and CAD users**
Richard Greaney, GIS Officer, Rushmoor Borough Council
Driven by the need to provide CAD users with up to date background OS mapping, Rushmoor Borough Council have linked AutoCAD Map software with their ESRI ArcSDE implementation. This presentation outlines the process undertaken and challenges along the way.
- 11:00 **Coffee Break**
- 11:10 **Managing OS data in a CAD environment – The present and future**
Martin Lea, Ordnance Survey
Martin will explain the importance and ease of CAD and GIS integration, new OS products and services (such as OS On Demand, OS OpenSpace and OS VectorMap Local) and future developments at the Ordnance Survey.
- 11:35 **Walking Objects—Object oriented survey data capture**
Dr John Strodachs, Applications in CADD (AiC)
AiC is in the forefront of developing object oriented data capture techniques and have recently introduced 4Site into its portfolio of leading technology products. This talk will investigate the concept of walking objects in relation to survey data capture and give details of practical software using this technique and its implementation with hand held data loggers and desktop computing.
- 12:00 **Empower Your Data using Geography**
Mark Spence, AIT Spatial Ltd
Using a typical example of a Housing Association, Mark will illustrate how a wide range of digital data and documents can be empowered within the GI environment. Using Autodesk MapGuide as an alternative to traditional document management systems, 'data becomes knowledge'.
- 12:30 **Lunch**

13:15 **Using AutoCAD Map and Autodesk MapGuide Open Source to map the wreck of HMS Invincible**

Brandon Mason, Project Manager, Hampshire and Wight Trust

Hampshire and Wight Trust, a Marine Archaeology charity, outline how using AutoCAD Map and Autodesk MapGuide Open Source has enabled them to be far more efficient with their CAD and GIS data, and produce a powerful web mapping solution without spending to many 'Gold Galleons'!

13:40 **Putting your old PC to good use!**

Maurizio Borgatti, Computer Aid International

Computer Aid International are a registered charity aimed at the reusing redundant PCs for developing countries in educational establishments and Maurizio will explain how you can help in this venture.

14:00 **What's New in The World of Digital Mapping Data?**

Lee Birch, MapMechanics

MapMechanics offers the most comprehensive listing of digital data of its kind in the UK. Over the years it has helped clients clear land mines and even supported a new route-based weather forecasting system introduced by the Met Office. Data can easily be supplied in an AutoCAD / Autodesk ready form.

14:25 **Going Beyond Visualization with Digital City Models**

Neil Brooker, Technical Manager, Infrastructure Modelling, Autodesk

Visual images and fly-through simulations of cities in 3D environments, comprising basic terrain models and block buildings, have become commonplace. Tools such as Google SketchUp and web-based mapping have greatly demystified the generation and visualisation of 3D data. In recent years, significant advances have been made in the development of intelligent 3D models of the built environment. Technology exists today that enables us to render visually stunning and richly detailed simulations of city environments in a manner that renders an ease of interaction and understanding which is not currently present in many simulation models. The use of intelligent building information models (BIM) and geographic information (GI) offers much greater potential in support of city planning analysis and management applications.

14:50 **Time for discussion**

15:15 **Thanks for coming and have a good journey!**

Shaun Bryant, AUGluk

In conclusion, a round up of the day's events.

There will be an opportunity for informal discussion and presentations after the close of the event for those that would like to remain.

To register please either go to:

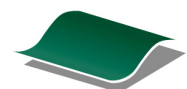
<http://www.aitspatial.co.uk/auji.cfm> or send an e-mail to Philip.madeley@auji.com

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