GISRUK 2012 Lancaster: Main Conference

12.00	*Tea/coffee and registration for main conference*	

14.00	**GISRUK opening and welcome by Prof. Tony Gatrell** **(Lecture Theatre 1)**	
14.20	**Keynote: Peter Atkinson**	
15.10	**Session 1A: Terrestrial LiDAR** **(Lecture Theatre 1)**	**Session 1B: Geospatial Distribution and Forecasting** **(LT 5/6)**
	Andrew Bell, Jennifer Mc Kinley and David Hughes. *Spatial Analysis Approaches to the Terrestrial LiDAR Monitoring of Slopes: an example from Minnis North, Co. Antrim, Northern Ireland (YR)*	Andrew Swain. *A Comparison of Hotspot Mapping for Crime Prediction*
	Neil Slatcher, Mike James and Graham Hunter. *Optimising terrestrial LIDAR field deployment (YR)*	José Miguel Barrios, William W. Verstraeten, Piet Maes, Jan Clement, Jean-Marie Aerts and Pol Coppin. *Trends in the spatial spread of nephropathia epidemica and Lyme borreliosis incidence in Belgium (YR)*

16.00	*Tea/coffee served in Lecture Theatre 2/3*	

16.30	**Session 2A: Mining Social Media** **(Lecture Theatre 1)**	**Session 2B: Spatial Statistics** **(Lecture Theatre 5/6)**
	Alexis Comber, Michael Batty, Chris Brunsdon, Andrew Hudson-Smith and Fabian Neuhaus. *Exploring the Geography of Communities in Social Networks*	Wenbai Yang, A. Stewart Fotheringham and Paul Harris. *An Extension of Geographically Weighted Regression with Flexible Bandwidths (YR)*
	Jonny Huck, Duncan Whyatt and Paul Coulton. *Challenges in Geocoding Socially-Generated Data (YR)*	Simon Read, Peter Bath, Peter Willett and Ravi Maheswaran. *A pilot inference study for a beta-Bernoulli spatial scan statistic*
	Omair Chaudhry and William Mackaness. *Modelling Confidence in Extraction of Place Tags from Flickr*	Chris Brunsdon, Martin Charlton and Paul Harris. *Living with Collinearity in Local Regression Models*
	Andy Turner and Nick Malleson. *Applying geographical clustering methods to analyze geo-located open micro-blog posts: A case study of Tweets around Leeds in the Summer of 2011*	Idris Jega Mohammed, Alexis Comber and Chris Brunsdon. *Population estimation in small areas: combining dasymetric mapping with pycnophylactic interpolation (YR)*

18.45	*Coaches depart from outside Cartmel College for Midland Hotel, Morecambe*

19.15	**Evening reception (including dinner) at Midland Hotel, Morecambe**

21.30	*Coaches depart Midland Hotel, drop off in Lancaster and outside Cartmel College*

Thursday 12th April

9.00	**Session 3A: Spatial Ecology** (Lecture Theatre 1)	**Session 3B: Landscape Visibility & Visualisation (1)** (LT 5/6)
	Mercedes Torres. *Automatic Habitat Classification Using Aerial Imagery (YR)*	Steve Carver and Michael Markieta. *No High Ground: visualising Scotland's renewable energy landscapes using rapid viewshed assessment tools*
	Gemma Davies, James Hale and Jon Sadler. *Modelling functional connectivity pathways for bats in urban landscapes*	Sam Meek, James Goulding and Gary Priestnall. *The influence of Digital Surface Model choice on visibility-based Mobile Geospatial Applications (YR)*
	Kate Parks and Mark Mulligan. *Are the most important tropical montane regions being prioritised for conservation?*	Neil Sang. New Horizons for the Standford Bunny : *A Novel Method for View Analysis*
	Adam Kimberley, Simon Smart, Alan Blackburn and Duncan Whyatt. *How do British woodland plant species respond to spatial and temporal variation in woodland habitat patches? (YR)*	Gillian Donaldson-Selby, Chen Wang, David Miller, Paula Horne, Marie Castellazzi, Iain Brown, Jane Morrice and Asa Ode. *Testing Public Preferences for Future Land Uses and Landscapes*
10.30	***Tea/coffee served in Lecture Theatre 2/3***	
11.00	**Session 4A: Qualitative GIS (1)** (Lecture Theatre 1)	**Session 4B: Remote Sensing** (Lecture Theatre 5/6)
	Amy Fowler, Duncan Whyatt, Rebecca Ellis and Gemma Davies. *How reliable is citizen-derived scientific data? An evaluation of contrail observations using multiple datasets and GIS techniques. (YR)*	Percival Cho, Alan Blackburn and Jos Barlow. *Investigating the effect of hurricane disturbance on fire activity in tropical forests: a GIS-based approach (YR)*
	Iain Dillingham, Jason Dykes and Jo Wood. *Characterising Locality Descriptions in Crowdsourced Crisis Information (YR)*	Daniel Allum, Matthew Blackett and Nigel Trodd. *Reconstructing Volcanic Eruptions on Tenerife Using WorldView-2 Imagery (YR)*
	Scott Orford, Richard Fry, Rob Berry and Gary Higgs. *Mapping interview transcript records: theoretical, technical and cartographic challenges*	Adam Morley and Frank Ekpenyong. *Exploring the use of High Resolution Multi-Spectral Satellite Imagery to identify Subsurface Structures*
	Christopher J. Parker, Andrew May and Val Mitchell. *Using VGI In Design for Online Usability: The Case of Access Information (YR)*	Obinna C.D. Anejionu, Alan Blackburn and Duncan Whyatt. *Improving remote survey of gas flaring in the Niger Delta region of Nigeria with Landsat imagery (YR)*
12.20	***Lunch served in Lecture Theatre 2/3***	12.40-13.20 ESRI UK lunchtime session introducing the possibilities of using ArcGIS.com in the Higher Education community. (Lecture Theatre 5/6)

13.30	**Keynote: Mei Po Kwan** (Lecture Theatre 1)	
14.20	**Session 5A: Qualitative GIS (2)** (Lecture Theatre 1)	**Session 5B: Location-based Services** (Lecture Theatre 5/6)
	Paul Crease. *Time Geography in Support of Mobile Activity Planning*	Brian Rupasinghe, Allan Brimicombe and Yang Li. *An approach to data enrichment of complex building features using Delaunay triangulation for adaptive generalization in the application of Location-Based Services (YR)*
	Suzanne Mavoa, Melody Oliver, Nicola Tavae and Karen Witten. *Using GIS to integrate children's walking interview data and objectively measured physical activity data*	Christian Gschwend and Patrick Laube. *Challenges of Context-Aware Movement Analysis - Lessons learned about Crucial Data Requirements and Pre-processing (YR)*
	Hélène Draux. *Participatory GIS techniques to determine the value of vulnerable open spaces in Portsmouth (YR)*	Sung Hyun Jang and Andrew Hudson-Smith. *Exploring Mobile Augmented Reality Navigation System for Pedestrians (YR)*
15.30	*Tea/coffee served in Lecture Theatre 2/3*	
16.00	**Session 6A: Environmental Geoinformatics** (Lecture Theatre 1)	**Session 6B: Social and Historic** (Lecture Theatre 5/6)
	Emil Bayramov. *Climate factors controlling NDVI along rights-of-way of petroleum/gas pipelines for planning of revegetation (YR)*	Kallum Dhillon, Paul Longley and Richard Dennis. *Historical GIS analysis of crime and criminality in Edwardian (1910-13) London: a multi-source approach (YR)*
	Charley Hill-Butler, Matthew Blackett and Nigel Trodd. *A Geographical and Statistical Analysis of the Relationship between Earthquakes and Volcanic Activity. (YR)*	Andrew Lowerre. *Some GIS Analysis of Roberts and Wrathmell's Atlas of Rural Settlement in England*
	Andrew Miles, Suzana Ilic, Michael James and Duncan Whyatt. *Morphological Variability of Cleveleys Beach, UK at Multiannual Timescales Based on Airborne LiDAR Data (YR)*	Patrick Weber, Claire Ellul and Catherine Emma Jones. *Opening up GIS Training and Education – Building an IIGLU*
	Julian Watts. *Christchurch Earthquake Rockfall Hazard Mitigation*	Thomas Ensom and Veerle Van Den Eynden. *Unlocking the geospatial potential of survey data*
17.30	*GISRUK steering commitee meeting* (Lecture Theatre 4)	

18.45	**Drinks reception at Lancaster House Hotel**
19.30	**Conference Dinner at Lancaster House Hotel** (Sponsored by the Ordnance Survey)

Friday 13th April

9.30	Session 7A: Landscape Visibility & Visualisation (2) (LT 1)	Session 7B: Urban GIS (1) (Lecture Theatre 5/6)
	Emeka Chukwusa, Alexis Comber and Chris Brunsdon. *The Impact of 3D Distance on Emergency Medical Service Location Planning.*	Cynthia Skelhorn, Sarah Lindley and Geoff Levermore. *Development of a GIS Data Model for Urban Microclimate and Building Energy Estimations (YR)*
	Steve Carver and Justin Washtell. *Real-time visibility analysis and rapid viewshed calculation using a voxel-based modelling approach*	Fariba Sotoudehnia and Alexis Comber. *Sketch mapping: A comparative approach to GIS-based network analysis in measuring accessibility (YR)*
	Phil Bartie and William Mackaness. *Optimal Sampling Strategies for Line-Of-Sight Calculations in Urban Regions*	Mark Dimond, Gavin Smith, James Goulding, Mike Jackon and Xiaolin Meng. *Comparing predefined and learned trajectory partitioning with applications to pedestrian route prediction (YR)*
10.30	*Tea/coffee served in Lecture Theatre 2/3*	
11.00	**Keynote: Tyler Mitchell** (Lecture Theatre 1)	
11.50	Session 8A: Open GIS (Lecture Theatre 1)	Session 8B: Urban GIS (2) (Lecture Theatre 5/6)
	Chris Gale, Muhammad Adnan and Paul Longley. *Open Geodemographics: Open Tools and the 2011 OAC (YR)*	Mohammed Alahmadi, Peter Atkinson and David Martin. *Estimation of the Spatial Distribution of Urban Population using Remotely Sensed Satellite Data in Riyadh, Saudi Arabia (YR)*
	Peter Mooney and Padraig Corcoran. *Who are the contributors to OpenStreetMap and what do they do?*	Ahmed Nassar, G. Alan Blackburn and J. Duncan Whyatt. *Quantifying Urban Growth in Dubai Emirate: A Geoinformatics Approach (YR)*
	Chris Gale and Paul Longley. *Geodemographic Output Area Classifications for London, 2001-2011 (YR)*	Oliver Gunawan, Richard Armitage and Philip James. *An Urban Environmental Quality index for Salford, Greater Manchester: A disaggregated approach*
13.00	*Lunch served in Lecture Theatre 2/3*	
14.00	**Special Session to celebrate the work and career of Stan Openshaw** (Lecture Theatre 1)	
	With contributions from Martin Charlton, Steve Carver, Andy Turner, Chris Brunsdon, Tao Cheng and Paul Longley.	
15.30	**Closing remarks, Intro to GISRUK 2013 and Prizes**	
16.00	**Close**	

* (YR) = Young Researcher