Day 1 Timetable: 19th September

Time						
9:00	Registration					
9:30	Welcome					
9:50	Keynote 1					
10:20	Break				**OpenLayers Workshop** Matt Walker, Astun Technology	**QField: Desktop to Field in under an hour** Kirsten Reilly, thinkWhere
10:50	Getting Technical	**The QGIS NetworkAPI - a Remote Control for QGIS** Barry Rowlingson, Lancaster University	Remote Sensing in Action	**Using R, open-source government data, and remotely-sensed oceanographic products to enhance epidemiological models for Atlantic salmon aquaculture in Scotland** Annette Boerlage, SRUC		
11:10		**Open source spatial ETL with Python and Apache Airflow** John Stevenson, British Geological Survey		**Malaria Risk Maps using open source in the Peruvian Amazon** Elisa Solano		
11:30		**Rapid and repeatable geospatial analysis with python and node using notebooks** Mila Frerichs, Civic Vision		**D-MOSS: An integrated dengue early warning system in Vietnam driven by Earth Observations** Alison Hopkin, HR Wallingford		**QGIS: Processing tools** Simon Miles, The Loose Goat
11:50		**Mesh: beyond vector and raster** Saber Razmjooei, Lutra Consulting		**Drone imagery, from field survey to image analysis: what is the place of open source software?** Juliette Maire, Scotland's Rural College		
12:10		**Composing and securing spatial data interfaces. When? Why? How? Serverless edition** Dennis Bauszus, GEOLYTIX		**Creating a Scottish Crop Map From Sentinel-1/2 Satellite Images** Beata Mielcarek, Scottish Government, Agriculture Analysis Unit		
12:30	Lunch					
13:50	Spatial Data Discovery and Online Portals	**Registers of Scotland: Land Registration using open source software** Alastair Reid, Registers of Scotland	Case Studies	**BioCoRe – an R tool for targeting ecological restoration** Andrew Rattey, Forest Research	**Planning survey and collecting data using QGIS, Input and Mergin** Saber Razmjooei, Lutra Consulting	**Analysis Ready Data processing at scale with Python and Luigi** Antony Chrysochoou, SCISYS
14:10		**"Our Falkirk" mitigating the impacts of poverty using OSM** Alison Moon, thinkWhere		**Scottish Pig Health Network: making better use of data for health improvements** Andrew Duncan, Inverness College UHI and SRUC Epidemiology Unit Inverness		
14:30		**GeoSeer: A search engine for OGC services** Jonathan Moules, LightPear		**Software Bilingualism: Running ESRI, QGIS and Keeping Everyone and Everything Happy** Ant Scott, MapAction		
14:50		**Open-source viewers for putting historical maps online** Chris Fleet, National Library of Scotland		**Nyanza, Reveal Your Secrets (FOSS4G-ly)** Philip Taylor, Centre for Ecology & Hydrology		
15:10	Break					**Geoprocessing with Jupyter Notebooks** Sam Franklin, SCISYS
15:40	Lightning Talks / Unconference					
16:30 - 17:00	Keynote 2					

Day 2 Timetable: 20th September

Time	Track	Session	Track	Session		
9:00	Registration					
9:30	Keynote 3					
10:00	Break				Using the other fun parts of Postgresql along with PostGIS Steven Pousty, Crunchy Data	The Magic of GDAL/OGR2OGR Tim Martin, Ordnance Survey
10:30	Data Visualisation and Cartography	Cartography with R and QGIS, which to choose? Mike Spencer, SRUC	Cloud based services	QGIS in the Cloud - Desktop GIS in a Web Browser Daniel Ormsby, Astun		
10:50		Visualising commuting in Ireland with QGIS Heikki Vesanto		Geography as a Service? Serverless Architectures for Geospatial Applications Tomas Holderness, AddressCloud		
11:10		Exploring transport routes and journey characteristics using R Shiny Caterina Constantinescu, The Data Lab, University of Edinburgh		Serverless Zoomstack on AWS Mark Varley, Addresscloud		
11:30						
11:40	Remote Sensing	Cool EO: Awesome FOSS for remote sensing Alastair Graham, Geoger Ltd	AI/Machine Learning	GeoAI: A Field Guide to AI in geospatial workflows Dominic Stubbins, Esri UK		
12:00		Finding flat roofs with FOSS tools and data William Selwood, Satellite Applications Catapult		Using computer vision and entry-level machine learning to automate the extraction of building footprints from scanned historic maps Marguerite le Riche, Registers of Scotland		
12:20		From Cloud to Cloud – GeoServer and Cloud Optimised GeoTiff Pascal Coulon, SCISYS / Defra		Evaluation of the determinants of deforestation: implementation of a geographical regression weighted with Random Forest Fabián Santos, Universidad Indoamérica		
12:40	Lunch					
14:00	Applied/ Planning	Projecting future population data using open source tools and opendata Dave Barter, Nautoguide Ltd.	Metadata/ Management / Standards	Don't let metadata get you down Jo Cook, Astun Technology	Serverless OGR/GDAL with AWS Fargate Iain Hunter, thinkWhere	Geospatial Data Visualisations with d3 Mila Frerichs, Civic Vision
14:20		Application of GIS in the field of Emergency Planning & Resilience Avais Ijaz, Falkirk Council		OpenStreetMap Notes, visualisations and improvements Chris Fleming		
14:40		Procedural generation using Mapbox for land planning Shaun Landy, TheCartoGroup		Using the OGC Web Processing Service (WPS) to move business logic to the server Ian Turton, Astun Technology		
15:00		Real World GIS Christopher Duncan, Bell Ingram LLP		Product management in OSGeo Projects - Does Open Source deliver better products? Steven Feldman, KnowWhere Consulting		Contributing to QGIS Documentation Nick Bearman, Geospatial Training Solutions & UCL
15:20	Break					
15:50	Lightning Talks / Unconference					
16:30 - 17:00	Keynote 4					