

AGILE 2012 Programme

Thursday, 26th, 2012

Session S4 (10:30 – 12:10)

Room A (T2: Spatial Data Infrastructures, Geographic Web Services and Geographic Semantic Web)

INTERLINKING GEOSPATIAL INFORMATION IN THE WEB OF DATA
Luis M. Vilches-Blázquez, Víctor Saquicela and Oscar Corcho

MOVING CODE – SHARING GEOSPATIAL COMPUTATION LOGIC ON THE WEB
Matthias Mueller, Daniel Kadner and Lars Bernard

AN ENVIRONMENT FOR THE CONCEPTUAL HARMONISATION OF GEOSPATIAL SCHEMAS AND DATA
Thorsten Reitz and Simon Templer

INTEROPERABLE GIS OPERATIONS: A QUALITY-AWARE PERSPECTIVE
Jung-Hong Hong and Min-Lang Huang

Room B (T1: Spatio(temporal) Data Modeling and Visualisation)

LINE SIMPLIFICATION IN THE PRESENCE OF NON-PLANAR TOPOLOGICAL RELATIONSHIPS
Padraig Corcoran, Peter Mooney and Michela Bertolotto

MEASURING TOPOGRAPHIC SIMILARITY OF TOPONYMS
Curdin Derungs and Ross Purves

A GENERAL WEB-BASED FRAMEWORK FOR SPATIO-TEMPORAL EXPLORATION AND VISUALIZATION APPLIED TO A CASE STUDY ON CULTURAL HERITAGE DATA
Francesco Cutugno, Vincenza Anna Leano, Francesco Mangiacrapa and Adriano Peron

VISUALIZATION OF SENSOR DATA IN VIRTUAL GLOBES
Luis Enrique Rodriguez, Alain Tamayo, Arturo Beltrán and Joaquín Huerta

Room C (T6: Modelling and Spatial Analysis of Urban Dynamics, Urban GIS)

ESTIMATION OF URBANIZATION USING VISUAL FEATURES OF SATELLITE IMAGES
László Czúni, Ágnes Lipovits and Gábor Seress

SPATIAL AUTOCORRELATION IN THE GENERATION OF HIGH AMPLITUDE DTMS FOR 3D URBAN MODELS FROM LIDAR DATA
Cristina Catita, Paula Redweik and Joana Pereira

TOWARDS URBAN FABRICS CHARACTERIZATION BASED ON BUILDINGS FOOTPRINTS
Rachid Hamaina, Thomas Leduc and Guillaume Moreau

RECREATING PAST LANDSCAPES IN 3D USING GIS AND CADASTRAL CARTOGRAPHY FROM THE 19TH CENTURY: THE HORTA EXAMPLE OF THE PROVINCE OF BARCELONA
Alexandre Nobajas and Francesc Nadal

Room D (T5: Spatial Analysis, Geostatistics and Geographic Information Retrieval)

SOLVING THE OPTIMAL LOCATION PROBLEM IN FOREST FIRE CONTROL WITH FUZZY DATA POINTS
Julio Rojas-Mora, Jagannath Aryal, Philippe Ellerkamp and Adrien Mangiavillano

A GWR ANALYSIS OF LAND COVER ACCURACY
Alexis Comber, Peter Fisher, Chris Brunsdon and Abdulhakim Khmag

FINDING RELEVANT SEQUENCES WITH THE LEAST TEMPORAL CONTRADICTION MEASURE: APPLICATION TO HYDROLOGICAL DATA
Hugo Alatrística Salas, Jérôme Azé, Sandra Bringay, Flavie Cernesson, Frédéric Flouvat, Nazha Selmaoui-Folcher and Maguelonne Teisseire

ANALYZING TEMPORAL USAGE PATTERNS OF STREET SEGMENTS BASED ON GPS DATA – A CASE STUDY IN SWITZERLAND
Jutta Schreinemacher, Christine Körner, Dirk Hecker and Georg Bareth