



1. Thursday, May 12

- 08:30 - 09:00 **Safer Seas – Main conference introduction**

- 09:00 - 09:30 **GeoS 2011 Opening**

- 09:30 - 10:30 **Invited paper – Chair: S. Levashkin**

Inter-disciplinary Interoperability for Global Sustainability Research

Massimo Craglia, Stefano Nativi, Mattia Santoro, Lorenzino Vaccari, Cristiano Fugazza

- 10:30 - 11:00 **Break**

- 11:00 - 12:30 **Session 1 - Ontologies and Gazetteers – Chair: O. Ahlqvist**

Improving Geodatabase Semantic Querying Exploiting Ontologies

Chiara Renso, Miriam Baglioni, Maria Vittoria Masserotti

A Supervised Machine Learning Approach for Duplicate Detection over Gazetteer Records

Bruno Martins

An Approach to the Management of Multiple Aligned Multilingual Ontologies for a Geospatial Earth Observation System

Kristin Stock, Claudia Cialone

- 12:30 - 14:00 **Lunch**

- 14:00 - 15:30 **Session 2 - Activity-based and Temporal Issues – Chair E. Camossi**

Identifying Geographical Processes from Time-stamped Data

Claudio Campelo, Brandon Bennett, Vania Dimitrova

DO-ROAM: Activity-Oriented Search and Navigation with OpenStreetMap

Mihai Codescu, Gregor Horsinka, Oliver Kutz, Till Mossakowski, Rafaela Rau

Urban Area Characterization Based on Semantics of Crowd Activities in Twitter

Shoko Wakamiya, Ryong Lee, Kazutoshi Sumiya

- 15:30 - 16:00 **Break**

- 16:00 - 17:30 **Session 3 - Models, Quality and Semantic Similarities – Chair B. Benett**

On the (Limited) Difference Between Feature and Geometric Semantic Similarity Models

Ola Ahlqvist

Modelling the Geo-spatial Domain Using the Faceted Approach

Biswanath Dutta, Fausto Giunchiglia, Vincenzo Maltese

Advocacy for External Quality in GIS

Christelle Pierkot, Esteban Zimanyi, Yuan Lin, Thérèse Libourel

- 19:30 **Reception and cocktail**

2. Friday, May 13

- 9:00 - 10:00 **Session 4 - Retrieval and Discovery Methods (part 1) – Chair C. Claramunt**

Multi-Criteria Geographic Information Retrieval Model Based on Geospatial Semantic Integration

Walter Renteria, Serguei Levachkine

A Description Logic Approach to Discover Suspicious Itineraries from Maritime Container Trajectories

Paola Villa, Elena Camossi

- 10:00 - 10:30 **Break**

- 10:30 - 11:30 **Session 4 - Retrieval and Discovery Methods (part 2) – Chair K. Sumiya**

Integration of Spatial Processing and Knowledge Processing through the Semantic Web Stack

Ashish Karmacharya, Christophe Cruz, Frank Boochs, Franck Marzani

Towards Heterogeneous Resources-based Ambiguity Reduction of Sub-typed Geographic Named Entities

Mauro Gaio, Van Tien Nguyen

- 11:30 - 11:45 **GeoS 2011 Closing**

- 12:00 - 13:00 **Safer Seas Closing**

- 13:00 - 14:00 **Lunch**