



PROGRAM^{day before}

WEDNESDAY 2 DECEMBER 2009 (MULTIPLE USE ROOM)

18:00-20:00 Registration, Ice Break

PROGRAM^{1st day}

THURSDAY 3 DECEMBER 2009 MORNING (MULTIPLE USE ROOM)

7:00-9:00 Registration, Coffee, Breakfast

9:00-9:15 **Opening Ceremony**

9:15-10:15 **Keynote 1. *Multi-cultural aspects of spatial knowledge***
Andrew U. Frank (Austria)

10:15-10:30 Coffee Break

10:30-12:30 **Tutorial 1. *OWL 2 Rules***
Pascal Hitzler (USA), Markus Krötzsch, and Sebastian Rudolph (Germany)

12:30-14:00 Lunch

14:00-15:00 **Session 1. Foundations of Geo-Semantics (Chair - A. Frank)**

14:00-14:30 *A Functional Ontology of Observation and Measurement*
Werner Kuhn (Germany)

14:30-15:00 *The Case for Grounding Databases*
Simon Scheider (Germany)

15:00-15:15 Coffee Break

15:15-16:15 **Session 2. Formal Representation of Geospatial Data (Chair - W. Kuhn)**

15:15-15:45 *Towards a Semantic Representation of Raster Spatial Data*
Rolando Quintero, Miguel Torres, Marco Moreno, and Giovanni Guzman (Mexico)

15:45-16:15 *Bottom-Up Gazetteers: Learning from the Implicit Semantics of Geotags*
Carsten Kessler, Patrick Maue, Jan Torben Heuer, and Thomas Bartoschek (Germany)

16:15-16:30 Coffee Break

16:30-17:30 **Session 3. Semantics-based Information Retrieval and Recommender Systems (Chair - P. Hitzler)**

16:30-17:00 *Ontology-based Integration of Sensor Web Services in Disaster Management*
Grigori Babitski, Simon Bergweiler, Jorg Hoffmann, Daniel Schon, Christoph Stasch, and Alexander Walkowski (Germany)

17:00-17:30 *A Spatial User Similarity Measure for Geographic Recommender Systems*
Christian Matyas and Christoph Schlieder (Germany)

19:00 Banquet



PROGRAM^{2nd day}

FRIDAY 4 DECEMBER 2009 MORNING (MULTIPLE USE ROOM)

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| 9:15-10:15 | Keynote 2. Towards Reasoning Pragmatics: State of the Art and Vision for the Semantic Web
Pascal Hitzler (USA) |
| 10:15-10:30 | Coffee Break |
| 10:30-12:30 | Tutorial 2. Building a Web of Sensors
Arne Bröring and Christoph Stasch (Germany) |
| 12:30-14:00 | Lunch |
| 14:00-15:00 | Session 4. Integration of Semantics into Spatial Query Processing (Chair - K. Janowicz) |
| 14:00-14:30 | <i>SPARQL Query Re-writing Using Partonomy Based Transformation Rules</i>
Prateek Jain, Peter Z. Yeh, Kunal Verma, Cory A. Henson, and Amit P. Sheth (USA) |
| 14:30-15:00 | <i>iRank: Ranking Geographical Information by Conceptual, Geographic, and Topologic Similarity</i>
Felix Mata (Mexico) |
| 15:00-15:15 | Coffee Break |
| 15:15-16:15 | Session 5. Geo-Ontologies and Applications (Chair - C. Stasch) |
| 15:15-15:45 | <i>Towards an Ontology for Reef Islands</i>
Stephanie Duce (Spain) |
| 15:45-16:15 | <i>Narrative Geospatial Knowledge in Ethnographies: Representation and Reasoning</i>
Chin-Lung Chang, Yi-Hong Chang, Tyng-Ruey Chuang, Dong-Po Deng, and Andrea Wei-Ching Huang (Taiwan) |
| 16:15-16:30 | Coffee Break |
| 16:30-17:30 | Discussion/Panel (Moderator - S. Levashkin) |
| 17:30-17:45 | Closing Ceremony |

FRIDAY 4 DECEMBER 2009 EVENING (FIRST FLOOR HALL – IN FRONT OF THE MULTIPLE USE ROOM)

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| 18:00-20:00 | Poster Session (Chair - M. Martinez) & Bar Service |
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