

## BeSTGRID Geospatial Semantics Workshop

Sep 9-10, Centre for eResearch, University of Auckland

Venue: Comp Sci (building 303), room 561 (5<sup>th</sup> floor)

### *Tuesday 9<sup>th</sup> September*

9:30 AM-10:00 AM

**Coffee at Relax cafe:** You can congregate here in the morning if you get here early enough... Relax is on campus, opp. Albert Park, west side of Building 312 on Princes St.

10:00 AM-10:15 AM

**Mark Gahegan: Welcome, introductions, purpose, scope**

10:15 AM-10:45 AM

**Mark Gahegan: Representing knowledge—two and a half thousand years and counting**

10:45 AM-11:45 AM

**Boyan Brodaric: (Keynote) Semantics and the geosciences: an introduction with examples from geology**

11:45 AM-12:00 PM

**Quick Break**

12:00 PM-12:30 PM

**Robert Gibb & Nick Spencer: Geospatial and Semantic work at Landcare**

12:30 PM-1:00 PM

**Robert Amor: Interoperability approaches in Architecture / Engineering / Construction**

1:00 PM-2:00 PM (Strata)

**Lunch**

2:00 PM-2:30 PM

**Robert Coup: GeoTagging, associating "real names" to data layers**

2:30 PM-2:45 PM

**John Forne: Govt. Perspectives: Geospatial Office**

2:45 PM-3:00 PM

**Matthew Ross: Govt. perspectives: State Services Commission**

3:00 PM-3:30 PM

**Femke Reitsma Connecting spatial databases to ontologies**

3:30 PM-4:00 PM

**Geoff Hay: ontology-based schemas for spatial information**

4:00 PM-4:30 PM

**Christian Hirsch: Visualization Tools for Exploring the Semantic Graph of Large Knowledge Spaces**

6:30 PM-late

***Optional night out on the town: Meet at Quadrant hotel at 6:30***

## **Thursday, 10<sup>th</sup> September**

9:30 AM-10:00 AM

**Coffee at Relax cafe: You can congregate here... Relax is on campus, opp. Albert Park, west side of Building 312 on Princes St.**

10:00 AM-10:30 AM

**Mark Rattenbury: GeoSciML for use in harvesting drillhole information**

10:30 AM-11:00 AM

**Tawan Banchuen: Analogical reasoning**

11:00 AM-11:30 AM

**Coffee Break**

11:30 AM-12:15 PM

**An example of geoscience data interoperability: the Canadian groundwater information network**

12:15 PM-12:30 PM

**Demonstration of Groundwater Information Network (GIN)**

12:30 PM-1:00 PM

**Discussion: Can we build on this system and these ideas?**

1:00 PM-2:00 PM

**Lunch**

2:00 PM-3:30 PM

**Detailed discussions and planning for implementing geospatial services**  
(Three groups: Data models, Web delivery, User interfaces)

3:30 PM-4:00 PM

**Groups Report back**

4:00 PM-4:30 PM

**Wrap up & synthesis: plans for further work, follow up, coordination & collaboration**

*END*