OntoLex 2004 – Program

9.00-9.20 Welcome

9.20 - 11.00 Session 1

    9.20-9.40: Ontology-based question analysis in a multilingual environment: The MOSES project (Paggio, Hansen, Basili, Pazienza, Zanzotto)

    9.40-10.00: A Content Creation Process for the Semantic Web (Hyvonen, Salminen, Junnila, Kettula)

    10.00-10.20: Proper Nouns Ontology for Document Retrieval and Question Answering (de Loupy, Crestan, Lemaire)

    10.20-10.40: A logic-based system for textual document classification (Cumbo, Ettorre, Iiritano, Mastratisi, Ruffolo, Rullo)

    10.40-11.00: Ontological Types of Associative Relations in Information Retrieval Thesauri and Automatic Query Expansion (Loukachevitch, Dobrov)

11.00 - 11.30 Coffee Break

11.30 - 13.00 Panel

The vision of the Semantic Web is to turn the Internet into a machine understandable resource so that digital information can be accessed in a more flexible, content-based fashion. Annotation of texts, data and services with ontological information constitutes one of the backbones of the Semantic Web technology and to this end, lexical resources - preferably multilingual – can provide the basic substratum. In this context, a central issue concerns the trade off between representing ontological information through formal languages and maintaining the richness of natural language to characterize ontological categories and relations. Therefore, the HLT and Semantic Web communities could profit from joining forces in order to guide each other into the next generation of content-based web-technology.

Panel Members: Maria Teresa Pazienza, Aldo Gangemi/Alessandro Oltramari, Kiril Simov, Alessandro Lenci, Guus Schreiber, Bernardo Magnini

LUNCH

14.30 - 15.30 Posters and Demos

Posters:
- Building Business Ontologies with Language Technology Techniques – The VID Project (Pedersen, Navarretta, Henriksen)
- Natural Language Expression of User Policies in Pervasive Computing Environments (Weeds, Keller, Weir)
- Reconstructing the Ontology of the Tang Dynasty – a pilot study of the Shakespearean-garden Approach (Chu-Ren Huang, Feng-ju Lo, Ru-Yng Chang, Sueming Chang)

Demo:
- OntoTag's Linguistic Ontologies as a Reference for Semantic Web Annotations (de Cea, de Mon, Pareja-Lora)
- Sinica BOW: Integrating bilingual WordNet and SUMO Ontology (Chu-Ren Huang)
- Searching and Browsing Collections of Finnish Museums on the Semantic Web (Hyvonen, Junnila, Kettula, Makela, Saarela, Salminen, Syreeni, Valo, Viljanen)

15.30-16.30 Session 2/a

15.30-15.50: Context Related Derivation of Word Senses (Kunze, Rosner)

15.50-16.10: Automatic Thai Ontology Construction and Maintenance System (Kawtrakul, Suktarachan, Imsombut)

16.10-16.30: An Ontology for Multilingual Treatment of Proper Names (Tran, Grass, Maurel)

16.30-17.00 Coffee Break

17.00-18.00 Session 2/b

17.00-17.20: Integrating Semantic Lexicons and Domain Ontologies (Basili, Vindigni, Zanzotto)

17.20-17.40: Ontological Knowledge and language in modelling classical architectonic structures (Cappelli, Giovannetti, Michelassi)

17.40-18.00: Comparison of Principles Applying to Domain Specific versus General Ontologies (Madsen, Thomsen, Vikner)

18.00-18.15 Conclusion