

The Challenge of the Electronic Environment to the Organization of Knowledge - Second International Seminar on Subject Access to Information, Helsinki, Finland, 29-30 November 2007

Target Group: Research librarians, information and subject specialists, students of information studies

Organizer: The International Relations Group of the Finnish Research Library Association

Venue: University of Helsinki, Porthania, Lecture Hall P674, 6th floor

Street address: Yliopistonkatu 3, Helsinki

Purpose

The purpose of Seminar is to explore and interpret some of the current changes in knowledge organization tools and methods which the more and more sophisticated information technology makes possible and which the more and more electronic and interactive environment makes necessary.

The Seminar aims to bring together research librarians, information and subject specialists as well as students of information studies to discuss these issues, local and global, of subject access to information in the context of the electronic environment.

Some key questions the Seminar will address:

More and more complicated search engines being introduced to trawl the Web,

- Do we still need conventional knowledge structures and organization tools: classification schemes and controlled vocabularies and thesauri?
- Are conventional knowledge structures still valid in organizing and searching information in the electronic environment? Or do we need new structures and tools?
- Does the collaborative information creation of the emerging Web 2.0 suggest new collaborative structures, tools, methods, models?
- With access to global information, do we face a new situation?
- How do the masses of information on the Web affect our thinking, our way of expressing ideas, structuring knowledge, conveying meanings?
- What about the semantic content of documents, collections?
- What about multilingual and multicultural contexts?

Registration fees:

Member of the Finnish Research Library Association 150€ +22%vat

Non-member of the Finnish Research Library Association 200 +22%vat

Registration:

<https://kampela.it.helsinki.fi/elomake/lomakkeet/6034/lomake.html>

For more information:

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Thursday 29th November

Theme: Classifications and Thesauri – What Changes – What Challenges

- Do we still need traditional knowledge structures and organization tools: classification schemes and controlled vocabularies, thesauri?
- Are traditional knowledge structures still valid in organizing and searching information in the electronic environment? Or do we need new structures and tools?
- Does the collaborative information creation of the emerging Library 2.0 suggest new collaborative structures, tools, methods, models?
- What about multilingual and multicultural contexts?

09.30-10.00 Coffee

10.00 -10.10 Welcome

Päivi Pekkarinen
Chair/ International Relations Group
Finnish Research Library Association

10.10-10.45 Introductory Review of Current Knowledge Structures and Tools

Marcia Lei Zeng
School of Library and Information Science, Kent State University, USA
<http://www.slis.kent.edu/~mzeng/>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132144>

10.45-12.00 Classifications and Thesauri: local needs – global reach

Problems of interoperability
Keynote: Douglas Tudhope
School of Computing, University of Glamorgan, Wales
<http://www.comp.glam.ac.uk/pages/staff/dstudhope>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132152>
Problems of multilingual and multicultural contexts
Keynote: Marcia Lei Zeng
School of Library and Information Science, Kent State University, USA
<http://www.slis.kent.edu/~mzeng/>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132145>

Discussion

12.00-13.30 Lunch Break

13.30-16.15 From Classifications and Thesauri to Data Modelling

Chair: Sirkka Havu, National Library of Finland

Functional requirements of authority data (FRBR-FRAD-FRSAR)
Eeva Murtomaa,
National Library of Finland www.nationallibrary.fi
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132147>
Maja Zumer,
University of Ljubljana, Slovenia <http://www.uni-lj.si/>
Abstract

Discussion

15.00-15.30 Refreshments

**15.30-16.15 Optimising Interoperability in Multi-KOS Subject Searching:
A Framework for a Collaborative Approach?**
Dennis Nicholson
University of Strathclyde, Glasgow
<http://cdlr.strath.ac.uk/index.html> <http://hilt.cdlr.strath.ac.uk/>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132151>

16.15-17.00 From Data Modelling to Ontologies

Chair: Sirkka Havu, National Library of Finland

Marcia Lei Zeng
School of Library and Information Science, Kent State University, USA
<http://www.slis.kent.edu/~mzeng/>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132146>

Discussion

18.00-20.00 Get together at the Botanic Garden
Street address: Unioninkatu 44 or Kaisaniemenranta 2
<http://www.fmn.helsinki.fi/english/botanicgarden/>

Friday 30th November

Theme: Ontologies – Local Applications – Global Implications

- With access to global information, do we face a new situation?
- How do the masses of information on the Web affect our thinking, our way of expressing ideas, structuring knowledge, conveying meanings?
- What about the semantic content of documents, collections?

09.00-12.15 Ontologies – Local Applications

Chair: Eva Costiander-Hulden
Åbo Academy University Library

**09.00-10.00 From General Thesaurus to General Ontology - Experiences from the
National Library of Finland**
Laila Heinemann
National Library of Finland www.nationallibrary.fi
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132148>
Finnish General Upper Ontology YSO
Katri Seppälä
Semantic Computing Research Group, Helsinki University of Technology
<http://www.seco.tkk.fi/projects/finnonto/>
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132149>
A special ontology - case Agriforest
Päivi Lipsanen, Kimmo Koskinen
Viikki Science Library <http://www.tiedekirjasto.helsinki.fi/english/>
Discussion

10.00-10.30 Coffee

- 10.30-11.00 Elements of a National Semantic Web Infrastructure -
Case Study Finland on the Semantic Web**
Kim Viljanen et al.
Semantic Computing Research Group, Helsinki University of Technology
More information : <http://www.seco.tkk.fi/projects/finnonto/>
Paper : <http://www.seco.tkk.fi/publications/2007/hyvonon-et-al-elements-2007.pdf>
- 11.00-11.15 CultureSampo - Finnish Culture on the Semantic Web**
Tuukka Ruotsalo et al.
Semantic Computing Research Group, Helsinki University of Technology
More information: <http://www.kulttuurisampo.fi/>
- 11.15-11.30 TerveSuomi – Finnish Health Information on the Semantic Web**
Osma Suominen et al.
More information: <http://www.seco.tkk.fi/applications/tervesuomi/>
- 11.30-12.00 QUCCOO – Query Construction with Ontology, ontology-based search interface**
Feza Baskaya, Anne Kakkonen
University of Tampere, Department of information Studies
http://www.info.uta.fi/index_en.php
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132150>
- 12.00-12.15 Discussion**
- 12.15-13.45 Lunch Break**
- 13.45-15.50 Ontologies – Global Implications**
- Chair: Päivi Pekkarinen
National Library of Health Sciences
University of Helsinki
- 13.45-14.15 KOS-based semantic services**
Douglas Tudhope
School of Computing, University of Glamorgan, Wales
Abstract: <http://tds.terkko.helsinki.fi/dspace/handle/10250/132153>
- 14.15-14.30 Break**
- 14.30-15.50 Concluding Panel**
- Moderator: Marcia Lei Zeng
Panellists: Maja Zumer, Dennis Nicholson, Osma Suominen, Douglas Tudhope
- 15.50-16.00 Closing Remarks**
- Päivi Pekkarinen
National Library of Health Sciences
University of Helsinki