

# International UDC Seminar 2013

## Classification & Visualization: Interfaces to Knowledge

The Hague 24-25 October

### Conference Programme at a Glance

#### Day One - Thursday, 24 October 2013

- 9:00 Registration, Coffee/Tea  
9:45 Conference opening: Welcome from M. I. Cordeiro (UDCC), E. S. van Eijck van Heslinga (Koninklijke Bibliotheek), A. Slavic (Programme Committee)  
10:00 **Keynote Address: From the index card to the World City: knowledge organization and visualization in the work and ideas of Paul Otlet**  
W. Boyd Rayward  
11:00 Coffee/Tea

#### SESSION 1: CHALLENGES IN VISUALIZATION OF KNOWLEDGE *Chair: Andrea Scharnorst*

- 11:30 **From trees to webs: uprooting knowledge through visualization**  
Scott B. Weingart  
12:10 **Visualizing knowledge interaction in the multiverse of knowledge**  
Charles van den Heuvel; Richard Smiraglia  
12:40 **Challenges of knowledge structure visualization**  
Xia Lin; Jae-wook Ahn  
13:10 Lunch  
14:00 **Brief Posters introduction (conference room)**

#### SESSION 2: CATEGORISATION FOR RETRIEVAL, EXPLORATION AND LEARNING *Chair: Richard Smiraglia*

- 14:30 **Looking at one million images: how visualization of big cultural data helps us to unlearn our cultural categories**  
Lev Manovich  
15:10 **Sempre avanti? Some reflections on faceted interfaces**  
Kathryn La Barre  
15:50 **How can users get the gist of a taxonomy using tag clouds?**  
Nathalie Pinede; Véronique Lespinet-Najib  
16:20 Coffee/Tea

#### SESSION 3: CLASSIFICATION, INTERFACES AND INFORMATION ARCHITECTURE *Chair: Xia Lin*

- 16:50 **How to design interfaces for choice: the role of classification in information architecture**  
Luca Rosati  
17:30 **Ghost in the shell: navigation, meaning and place-making in information space**  
Andrea Resmini  
18:10 Drink & nibbles in the atrium

## Day Two - Friday, 25 October

### SESSION 4: VISUALIZATION AND NAVIGATION OF KNOWLEDGE STRUCTURES

*Chair: Almila Akdag Salah*

- 09:00 **Memory islands: an approach for cartographic visualization**  
Bin Yang; Jean-Gabriel Ganascia
- 09:30 **Exploring semantically related concepts from Wikipedia: the case of SeRE**  
Daniel Hienert; Dennis Wegener (Germany); Siegfried Schomisch
- 10:00 **The Homer's list or How classifications can be displayed on tablets**  
Dario Rodighiero; Giorgio De Michelis
- 10:30 Coffee/Tea

### SESSION 5: INDEXING LANGUAGES, RELATIONSHIPS AND VISUALIZATION

*Chair: Sylvie Davies*

- 11:00 **From modelling to visualization of topic relationships in classification schemes**  
Rebecca Green; Diane Vizine-Goetz (USA); Marcia Lei Zeng; Maja Žumer
- 11:30 **Semantic visualization for subject authority data of Chinese Classified Thesaurus**  
Wei Fan; Shuqing Bu; Qing Zou
- 12:00 **Enhancing user browsing success through visualization of indexing terms**  
Špela Razpotnik; Alenka Šaupel
- 12:30 Lunch
- 13:10 **UDC Online demo**

### SESSION 6: VISUALIZATION IN COLLECTION SEARCHING AND BROWSING

*Chair: Kathryn La Barre*

- 13:30 **Sorting documents by base theme with synthetic classification: the double query method**  
Claudio Gnoli; Alberto Cheti
- 14:00 **Easy categorization of large image collections by automatic analysis and information visualization**  
Marcel Worring
- 14:40 Coffee/Tea

### SESSION 7: VISUALIZING ANALYTICS OF CLASSIFICATION AND COLLECTION METADATA

*Chair: Charles van den Heuvel*

- 15:10 **Data artefacts: tracking knowledge-ordering conflicts through visualization**  
Matthew Battles; Yanni Loukissas
- 15:40 **UDC in action**  
Richard Smiraglia; Andrea Scharnhorst; Almila Akdag Salah; Cheng Gao
- 16:20 **PANEL DISCUSSION**
- 17:00 Conference Close

### POSTERS

*Chair: Andrea Scharnhorst*

#### **Cognitive approach in classification visualization: end-user study**

Veslava Osinska; Joanna Dreszer-Drogorob; Grzegorz Osinski; Michal Gawarkiewicz

#### **Visualization and navigation of knowledge in pan-European resources: the case of The European Library**

Nuno Freire

#### **The CEDAR Project: classifying the Dutch historical censuses**

Ashkan Ashkpour; Albert Meroño-Peñuela

#### **Nederlab: visual analytics in a virtual research environment for humanities**

Junte Zhang; Matthijs Brouwer; Hennie Brugman; Marc Kemps-Snijders; Jan Pieter Kunst; Noline van der Sijs; René van Stipriaan; Erik Tjong Kim Sang; Rob Zeeman