

International UDC Seminar 2011

Conference programme at a glance

Day One - 19 September

- 09:00 Registration
- 09:45 Conference opening: Welcome from UDC Consortium (Alan Hopkinson, Chairman), Koninklijke Bibliotheek (representative), Programme Committee (Aida Slavic)
- 10:00 **On being the same: keynote address**
Patrick Hayes
- 11:00 Coffee/Tea

Session 1. The role of classification and ontology on the Web *Chair: Dagobert Soergel*

- 11:30 **Classification, collaboration and the Web of data**
Dan Brickley
- 12:10 **Issues in publishing and aligning Web vocabularies**
Guus Schreiber
- 12:50 **The concepts of knowledge organization systems as hubs in the Web of data**
Thomas Baker
- 13:30 Lunch | **14:10 Brief Posters introduction (conference room)**

Session 2. Classifications and ontologies on their own terms *Chair: Roberto Poli*

- 14:30 **Approaches to providing context in knowledge representation structures**
Barbara H. Kwaśnik
- 15:10 **Interactions between elementary structures in universes of knowledge**
Richard Smiraglia; Charles van den Heuvel; Thomas M. Dousa
- 15:40 **Demystifying ontology**
Emad Khazraee; Xia Lin
- 16:10 Coffee/Tea

Session 3. Classification meets the Web *Chair: Antoine Isaac*

- 16:40 **Interoperability of knowledge organization systems with and through ontologies**
Daniel Kless; Jutta Lindenthal; Simon Milton; Edmund Kazmierczak
- 17:10 **Towards the integration of knowledge organization systems with the linked data cloud**
Vincenzo Maltese; Feroz Farazi
- 17:40 **Classification and reference vocabulary in linked environment data**
Maria Rüter; Joachim Fock; Thomas Schultz-Krutisch; Thomas Bandholtz
- 18:10 Reception

Day Two - 20 September

Session 4. Classification and ontology in specific subjects *Chair: Ia C. McIlwaine*

- 09:00 **Ontologies and classification of chemicals: can they help each other?**
Andrew Buxton

09:30 **Content analysis and classification in mathematics**

Wolfram Sperber; Patrick D. F. Ion

10:00 Coffee/Tea

Session 5. Categories and relations: key elements of ontologies

Chair: Barbara Kwaśnik

10:30 **Ontology as categorial analysis**

Roberto Poli

11:10 **Towards a relation ontology for the Semantic Web**

Dagobert Soergel

11:50 **Relations in the notational hierarchy of the Dewey Decimal Classification**

Rebecca Green; Michael Panzer

12:30 Lunch

Session 6. Modelling concepts and structures in analytico-synthetic classifications

Chair: Richard Smiraglia

13:30 **A faceted classification of general concepts**

Ingetraut Dahlberg

14:00 **Representing the structural elements of a freely faceted classification**

Claudio Gnoli; Philippe Cousson; Tom Pullman; Gabriele Merli; Rick Szostak

14:30 **Facet analysis as a tool for modelling subject domains and terminologies**

Vanda Broughton

15:00 **Analytico synthetic approach for handling knowledge diversity in media content analysis**

Devika P. Madalli; A. R. D. Prasad

15:30 Coffee/Tea

Session 7. Transforming and extending classification systems

Chair: Gordon Dunsire

16:00 **Extending models for controlled vocabularies to classification systems: modelling DDC with FRSAD**

Joan S. Mitchell; Marcia Lei Zeng; Maja Žumer

16:40 **Transformation of a legacy UDC-based classification system: exploiting and remodelling semantic relationships**

Fran Alexander; Andy Heather

17:10 Panel discussion

18:00 Conference close

Posters

Chairs: Edgardo Civallero & Sofia Kapnisi

Posters will be displayed throughout the conference in the conference room. Following a brief introductory presentation in the conference room at 14:10 on Day 1, authors will be available to answer questions during coffee breaks on both days.

The evolution of knowledge, and its representation in classification systems

Andrea Scharnhorst; Almila Akdag Salah; Krzysztof Suchecki; Cheng Gao;
Richard P. Smiraglia

Visualizing universes of knowledge: designs and visual analysis of the UDC

Charles van den Heuvel; Almila Akdag Salah; Knowledge Space Lab

UDC as a knowledge framework for building a civil engineering ontology: a practical approach to knowledge representation and visualization

Ricardo Eito-Brun; Alfredo Calosci

Special feature: Selection of posters from the exhibition "Places & Spaces: Mapping Science"