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

| 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 Rüther; 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 Gnoi; 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”