

NKOS 2017 – 17th European Networked Knowledge Organization Systems Workshop

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1 Introduction

The 17th NKOS workshop at TPD2017 explored the potential of Knowledge Organization Systems, such as classification systems, taxonomies, thesauri, ontologies, and lexical databases in the context of current developments and possibilities. These tools help to model the underlying semantic structure of a domain for purposes of information retrieval, knowledge discovery, language engineering, and the semantic web. The workshop provided an opportunity to discuss projects, research and development activities, evaluation approaches, lessons learned, and research findings.

2 Themes

Main workshop themes were:

- KOS Alignment: KOS alignment or terminology mapping plays a vital role in NKOS for many years. We wanted to sort out the needs (use cases) of KOS alignments in the new environment of Linked Open Data. We planned to collect methodologies, best practices, guidelines and tools. This included manual and automatic alignments.
- KOS Linked Open Data: Recent years have seen an increasing trend to publication of KOS as Linked Data vocabularies. We needed discussion of practical initiatives to link between congruent vocabularies and to provide effective web services and APIs so that applications can build upon them.

- **KOS and Document Retrieval:** Documents or parts of documents are nowadays not only accessible via their metadata, but their abstracts and in many cases the full texts are electronically available. Thus, these documents also can be found by search engines. Given this possibility of full text search the role of classification and annotation had to be redefined. Questions like the following ones arise: can traditional knowledge organization and document annotation improve full text retrieval? Are classification, categorisation, annotation, tagging, and full text retrieval complementary, or how can they be made complementary? What should be the focus of annotation, if full text retrieval is available?

3 Website

More information can be found at <https://at-web1.comp.glam.ac.uk/pages/research/hypermedia/nkos/nkos2017/>.