NKOS at ISKO 2024

Workshop Introduction

Agenda

- What is NKOS
- The NKOS Workshop at ISKO 2024

What is NKOS

- Devoted to discussion of functional and data models for enabling knowledge organization systems/services (KOS)—such as classification systems, thesauri, and ontologies—as networked interactive services to support the description and retrieval of diverse information resources.[1]

- "Knowledge Organization Systems/Services (KOS) model the underlying semantic structure of a domain. Embodied as Web-based services, they can facilitate resource discovery and retrieval. They act as semantic road maps and make possible a common orientation by indexers and future users (whether human or machine)."[2]

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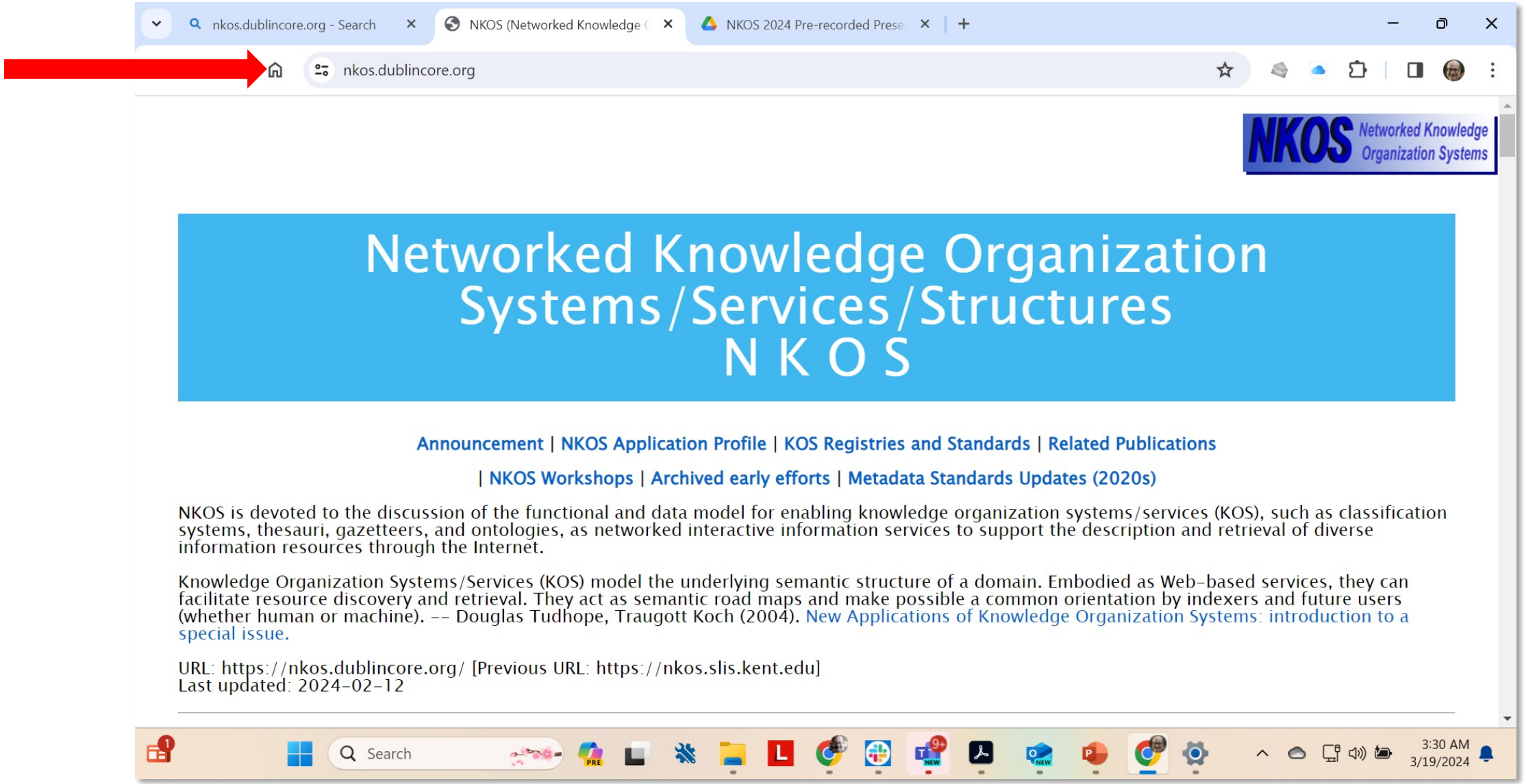
[1] https://nkos.dublincore.org/

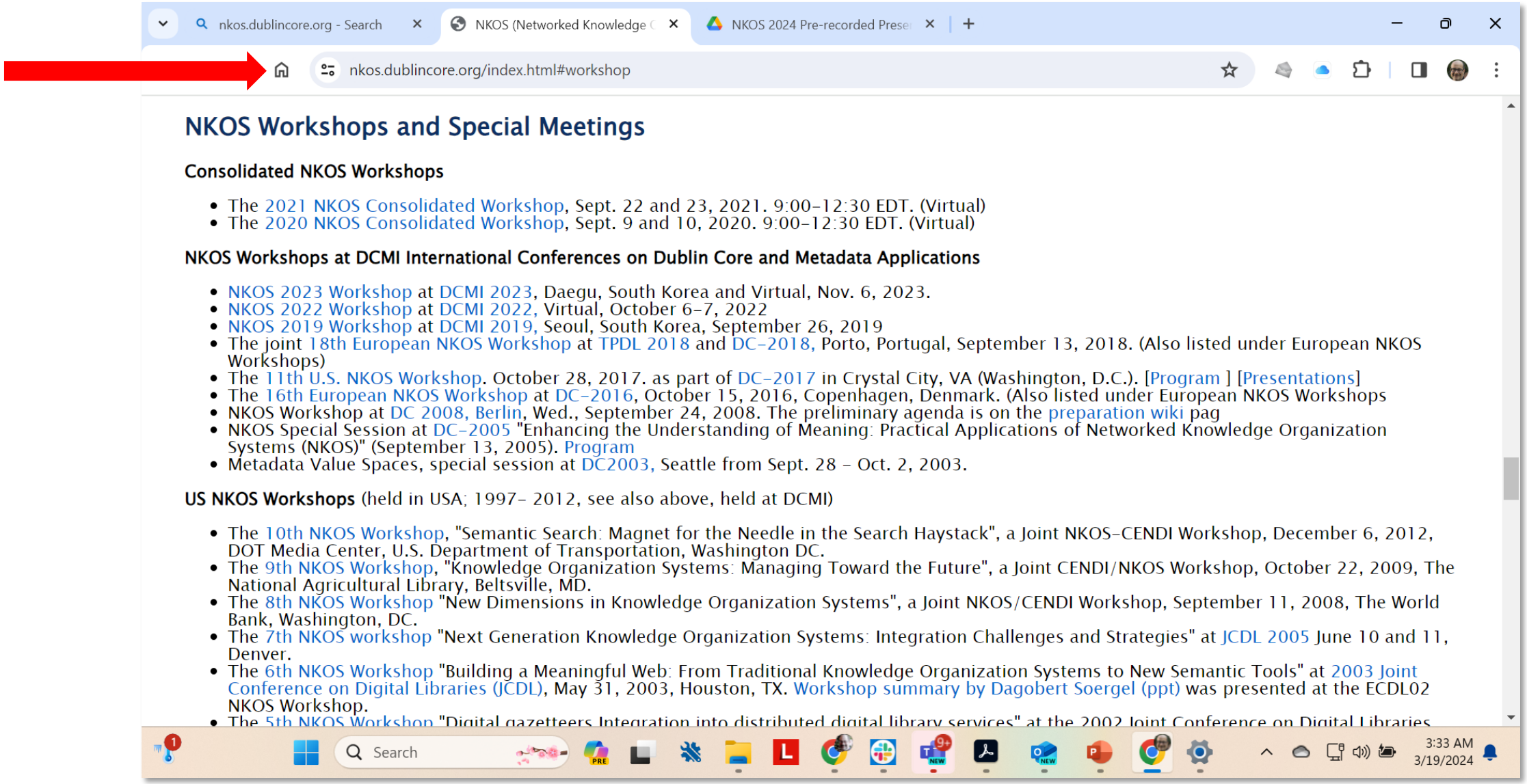
[2] D. Tudhope and T. Koch. "New Applications of Knowledge Organization Systems: Introduction to a Special Issue." 4:4 *Journal of Digital Information* (2004) https://journals.tdl.org/jodi/index.php/jodi/article/view/109/108

NKOS website

https://nkos.dublincore.org/



NKOS workshop website



NKOS Workshops https://nkos.dublincore.org/index.html#workshop

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S.	Phila-delphia	Pitts-burgh	Berke-ley	San Antonio	Roa-noke	Portland OR	Houston		Denver			Wash-ington	Belts-ville MD
Europe				Lisbon		Lund	Trond-heim	Bath	Vienna	Alicante	Buda-pest	Aarhus	Corfu
DCMI							Seattle		Madrid			Berlin	

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
U.S.			Wash-ington					Crystal City, VA			Joint Virtual	Joint Virtual	
Europe	Glas-gow	Berlin	Paphos	Valletta	London	Poznań	Copen-hagen	Thessa-loniki	Porto	Oslo	Joint Virtual	Joint Virtual	Virtual
DCMI		Berlin					Copen-hagen	Crystal City, VA	Porto	Seoul			Virtual
ICADL						Seoul	Tsukuba		Hamilton				

	2023	2024	2024										
Europe	Daegu	Wuhan	Toronto										
DCMI	Daegu	Wuhan	Toronto										

2024 Workshop Committee

Co-chairs

- Joseph Busch, Taxonomy Strategies
- Douglas Tudhope, University of South Wales
- Marcia Zeng, Kent State University

Program Committee

- Lu An, Wuhan University
- Mark Butler, Voise & UC Berkeley
- Claudio Gnoli, University of Pavia
- Koraljka Golub, Linnaeus University
- Margie HIlava, Access Innovations
- Vânia Mara Alves Lima, University of São Paolo
- Philipp Mayr, GESIS–Leibniz-Institute for the Social Sciences
- 크리에이티브인문학부)박지영 Ziyoung Park, Hansung University
- Jian Qin, Syracuse University
- Armando Stellato, University of Rome
- Jakob Voß, Verbundzentrale des GBV

2024 Workshop Program - KOS in AI & AI in KOS

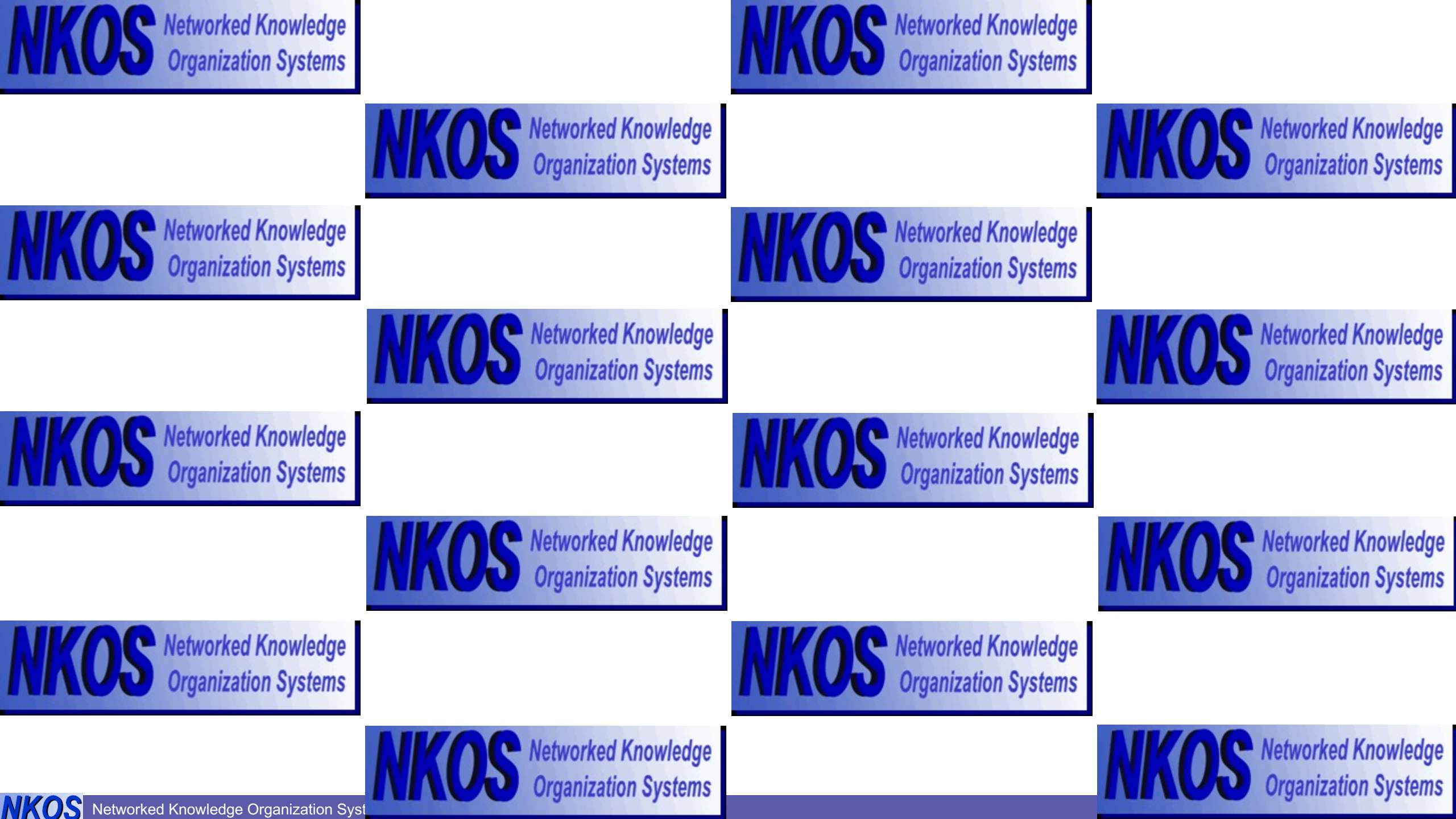
https://nkos.dublincore.org/2024NKOSworkshops/NKOS2024.html

- NKOS workshops explore the potential of Knowledge Organization Systems (KOS), such as vocabularies, classifications, ontologies, etc. The agenda includes 2 invited demos, 2 reviewed demos by researchers from nine countries, and ISO 29564 focus group.

#	Presenter & Topic	Session Format	Time (CST Wuhan)
	Thursday, March 21		
1.1	Xia Lin & Xiyuan Chang - Towards Taxonomy Management with Generative AI	Pre-recorded Demo	3:00 PM
1.2	Chai Miaoling, Zhang Xian, Zeng Yi, Dawazhuoma - Method and Evaluation of Using LLM to Build a Task Ontology	In person Demo	3:30 PM
2.1	Isto Huvila & Ying-Hsang Liu - Isto Huvila & Ying-Hsang Liu	Pre-recorded Demo	4:00 PM
2.2	Sophy Shu-Jiun Chen, Hsiang-An Wang & Hsi-Yuan Chen - Automatic Datafication and Metadata Creation by AI in the Digital Humanities Research: A Case Study of Archives of Qing Secret Societies	Pre-recorded Demo	4:30 PM
3.1	Margie Hlava – ISO 25964 Intro	Pre-recorded Talk	5:00 PM
3.2	Joseph Busch & Marcia Zeng – ISO 25964	Focus Group	5:30 PM

Workshop structure

- Presentations #1-4 are demos. All submissions were refereed by the Program Committee, who provided comments that were communicated to submitters.
- Each presentation has a 25-minute slot – 20 minutes for the presentation and 5 for questions.
- With the permission of submitters, their written submissions and slides will be made available on the NKOS website and NKOS Europe github (https://nkos-eu.github.io/) after the workshop.


NKOS
Networked Knowledge
Organization Systems