

NKOS at ISKO 2024

Workshop Introduction

Agenda

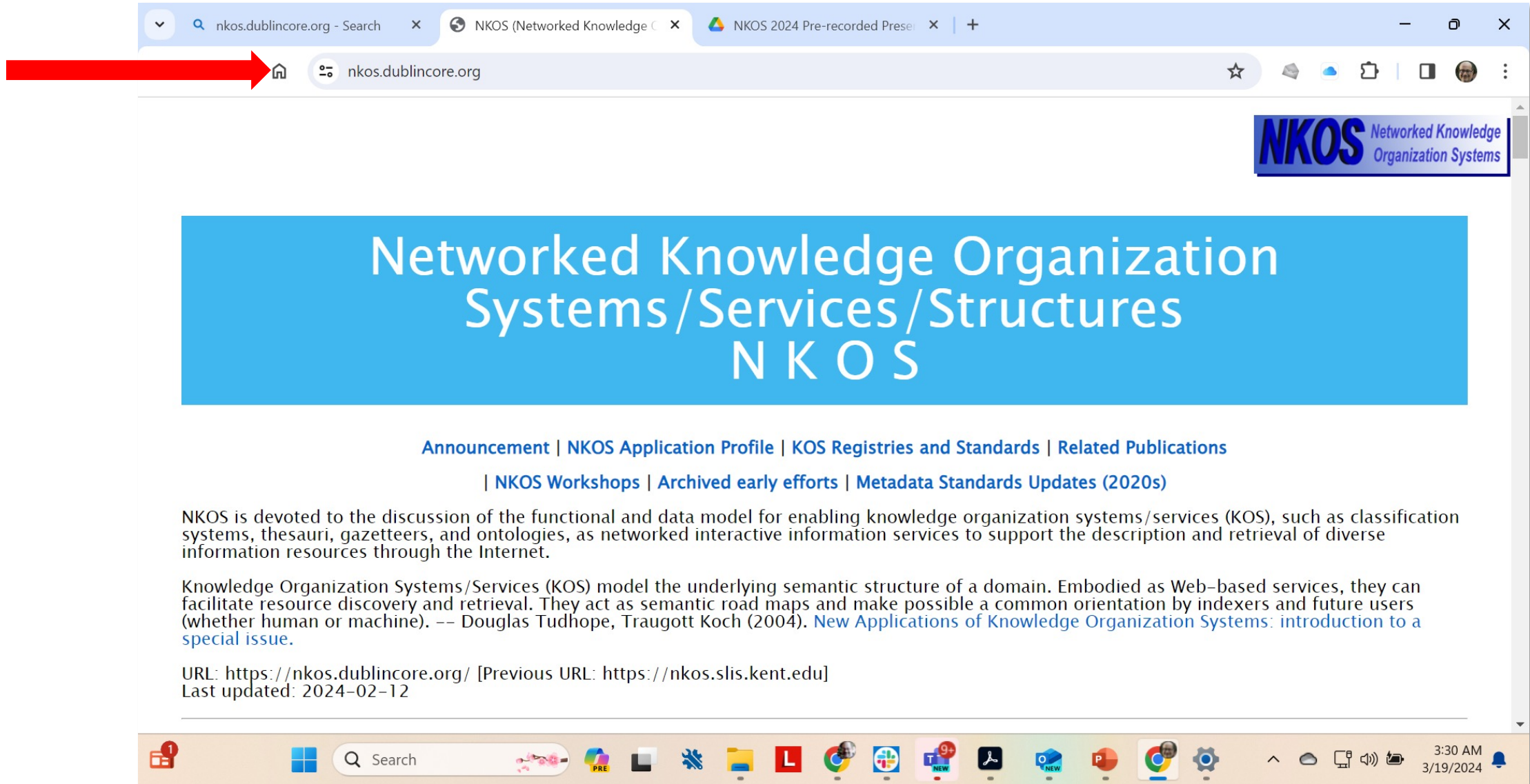
- ❖ What is NKOS
- ❖ The NKOS Workshop at ISKO 2024

What is NKOS

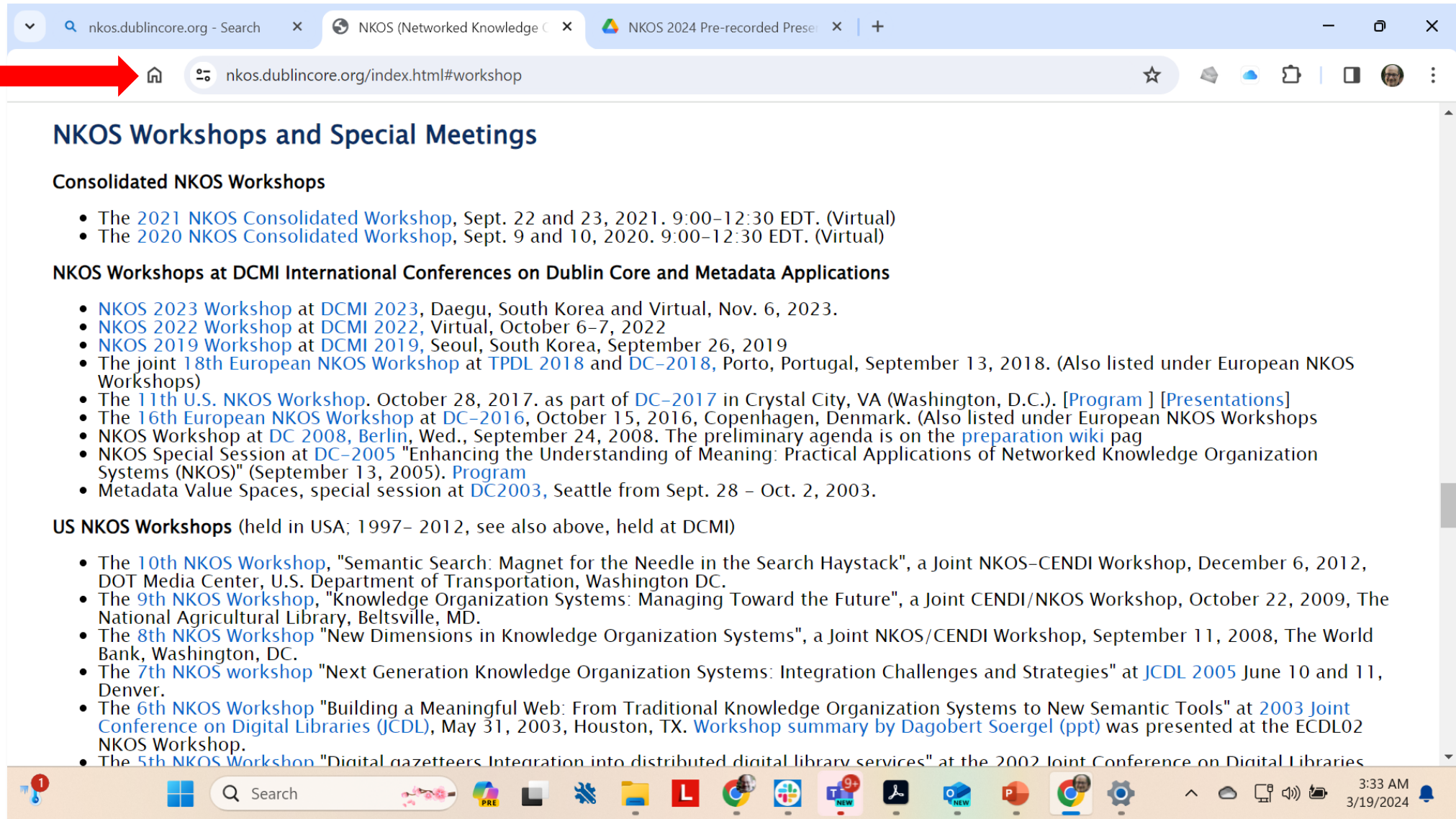
- ❖ Devoted to discussion of functional and data models for enabling knowledge organization systems/services (KOS)—such as classification systems, thesauri, and ontologies—as networked interactive services to support the description and retrieval of diverse information resources.^[1]
- ❖ “Knowledge Organization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

[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 workshop website



The screenshot shows a web browser window with three tabs: 'nkos.dublincore.org - Search', 'NKOS (Networked Knowledge C...', and 'NKOS 2024 Pre-recorded Pres...'. The address bar contains the URL 'nkos.dublincore.org/index.html#workshop'. The page content is as follows:

NKOS Workshops and Special Meetings

Consolidated NKOS Workshops

- The [2021 NKOS Consolidated Workshop](#), Sept. 22 and 23, 2021. 9:00–12:30 EDT. (Virtual)
- The [2020 NKOS Consolidated Workshop](#), Sept. 9 and 10, 2020. 9:00–12:30 EDT. (Virtual)

NKOS Workshops at DCMi International Conferences on Dublin Core and Metadata Applications

- [NKOS 2023 Workshop](#) at [DCMI 2023](#), Daegu, South Korea and Virtual, Nov. 6, 2023.
- [NKOS 2022 Workshop](#) at [DCMI 2022](#), Virtual, October 6–7, 2022
- [NKOS 2019 Workshop](#) at [DCMI 2019](#), Seoul, South Korea, September 26, 2019
- The joint [18th European NKOS Workshop](#) at [TPDL 2018](#) and [DC-2018](#), Porto, Portugal, September 13, 2018. (Also listed under European NKOS Workshops)
- The [11th U.S. NKOS Workshop](#). October 28, 2017. as part of [DC-2017](#) in Crystal City, VA (Washington, D.C.). [[Program](#)] [[Presentations](#)]
- The [16th European NKOS Workshop](#) at [DC-2016](#), October 15, 2016, Copenhagen, Denmark. (Also listed under European NKOS Workshops)
- NKOS Workshop at [DC 2008, Berlin](#), Wed., September 24, 2008. The preliminary agenda is on the [preparation wiki](#) pag
- NKOS Special Session at [DC-2005](#) "Enhancing the Understanding of Meaning: Practical Applications of Networked Knowledge Organization Systems (NKOS)" (September 13, 2005). [Program](#)
- Metadata Value Spaces, special session at [DC2003](#), Seattle from Sept. 28 – Oct. 2, 2003.

US NKOS Workshops (held in USA; 1997– 2012, see also above, held at DCMi)

- The [10th NKOS Workshop](#), "Semantic Search: Magnet for the Needle in the Search Haystack", a Joint NKOS–CENDI Workshop, December 6, 2012, DOT Media Center, U.S. Department of Transportation, Washington DC.
- The [9th NKOS Workshop](#), "Knowledge Organization Systems: Managing Toward the Future", a Joint CENDI/NKOS Workshop, October 22, 2009, The National Agricultural Library, Beltsville, MD.
- The [8th NKOS Workshop](#) "New Dimensions in Knowledge Organization Systems", a Joint NKOS/CENDI Workshop, September 11, 2008, The World Bank, Washington, DC.
- The [7th NKOS workshop](#) "Next Generation Knowledge Organization Systems: Integration Challenges and Strategies" at [JCDL 2005](#) June 10 and 11, Denver.
- The [6th NKOS Workshop](#) "Building a Meaningful Web: From Traditional Knowledge Organization Systems to New Semantic Tools" at [2003 Joint Conference on Digital Libraries \(JCDL\)](#), May 31, 2003, Houston, TX. [Workshop summary by Dagobert Soergel \(ppt\)](#) was presented at the ECDL02 NKOS Workshop.
- The [5th NKOS Workshop](#) "Digital gazetteers. Integration into distributed digital library services" at the 2002 Joint Conference on Digital Libraries

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 Hllava, Access Innovations
- ❖ Vânia Mara Alves Lima, University of São Paulo
- ❖ Philipp Mayr, GESIS–Leibniz-Institute for the Social Sciences
- ❖ 크리에이티브인문학부)박지영 Ziyong 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)
	<u>Thursday, March 21</u>		
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.

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Organization Systems

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