

NKOS Workshop @ DCMi 2026

Workshop Introduction

Joseph Busch, Taxonomy Strategies

Agenda

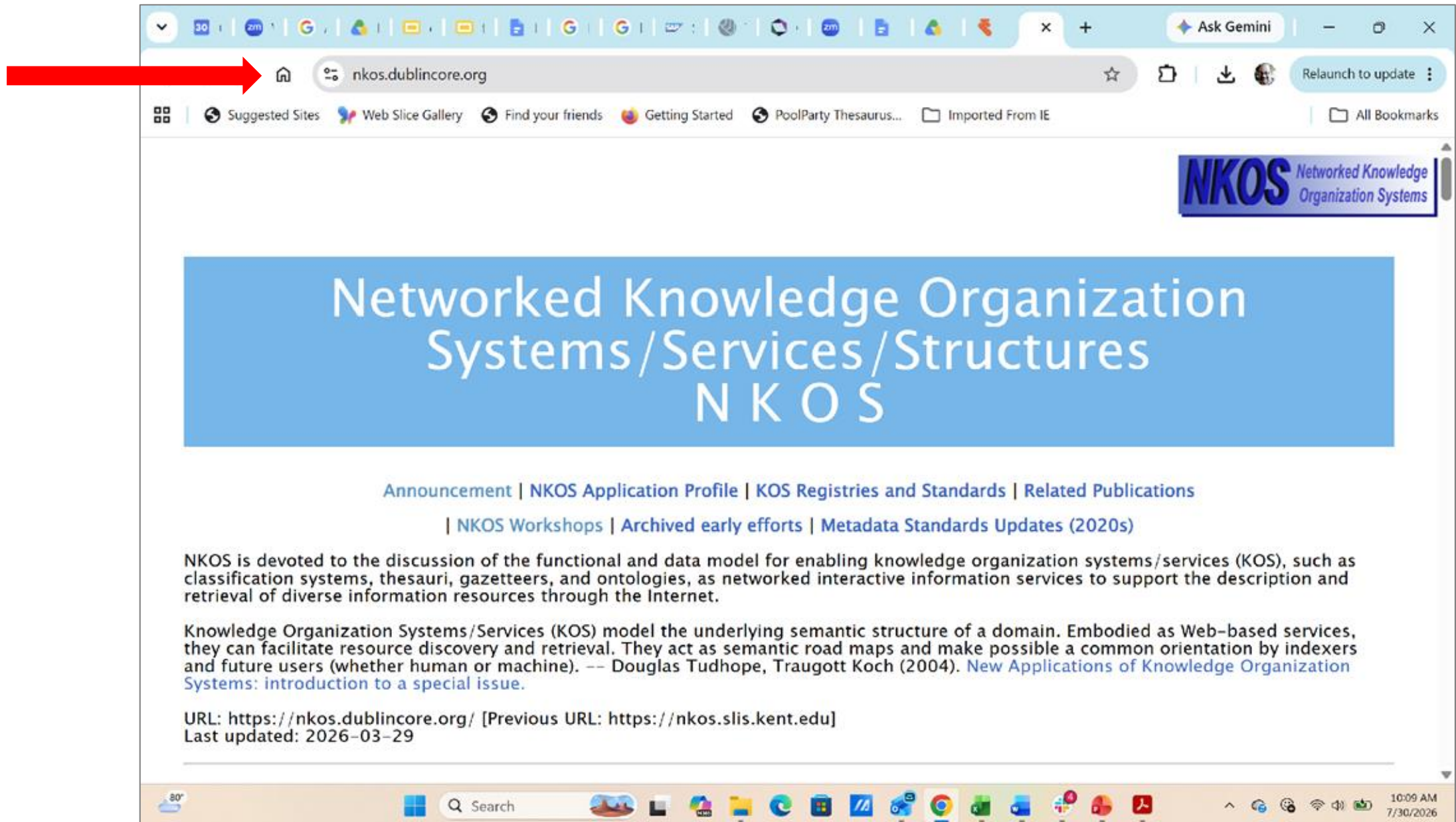
- What is NKOS
- The NKOS Workshop @ DCMI 2026

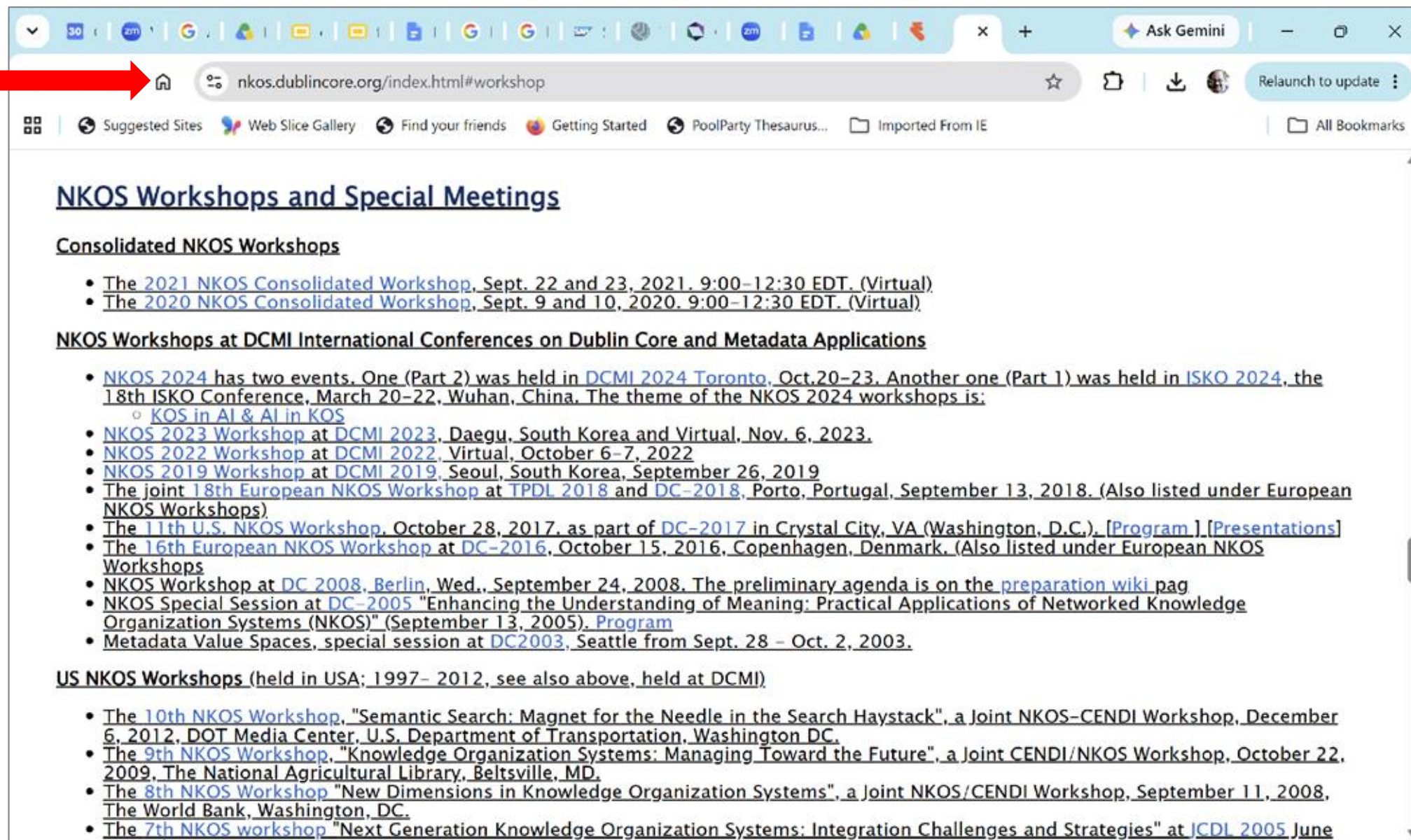
What is NKOS

- 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>





The screenshot shows a web browser window with the address bar containing nkos.dublincore.org/index.html#workshop. A red arrow points to the address bar. The browser's toolbar includes icons for suggested sites, web slice gallery, find your friends, getting started, poolparty thesaurus, and imported from IE. 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 2024](#) has two events. One (Part 2) was held in [DCMi 2024 Toronto](#), Oct.20–23. Another one (Part 1) was held in [ISKO 2024](#), the 18th ISKO Conference, March 20–22, Wuhan, China. The theme of the NKOS 2024 workshops is:
 - [KOS in AI & AI in KOS](#)
- [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 TPD 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

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										
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	Joint Virtual	Joint Virtual	Virtual
ICADL						Seoul	Tsukuba		Hamilton				
	2023	2024 Part 1	2024 Part 2	2025	2026								
Europe				Tamper e									
DCMI	Daegu	Wuhan	Toronto		Seoul								

NKOS Workshop @ DCMI 2026 Committee

Co-chairs



- Joseph Busch, Taxonomy Strategies
- Claudio Gnoli, University of Pavia
- Koraljka Golub, Linnaeus University
- Douglas Tudhope, University of South Wales
- Andreas Vlachidis, University College London
- Marcia Zeng, Kent State University

Program Committee

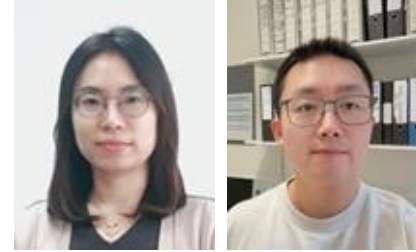
- Mark Butler, Voise & UC Berkeley
- Vânia Mara Alves Lima, University of São Paulo
- 크리에이티브인문학부)박지영 Ziyong Park, Hansung University
- Jian Qin, Syracuse University
- Armando Stellato, University of Rome
- Marcin Trzmielewski, Université de Montpellier Paul-Valéry

NKOS Workshop @ DCMI 2026 Program

<https://www.dublincore.org/conferences/2026/sessions/nkos-workshop/>

- NKOS workshops explore the potential of Knowledge Organization Systems (KOS), such as classification systems, taxonomies, ontologies, etc.
- Current developments in AI-Assisted KOS Modeling, Mapping, Indexing and Retrieval Applications.
- The agenda includes five presentations in two sessions and a panel discussion on ethical guidelines on use of AI tools including researchers from seven countries.

Moderators



- 크리에이티브인문학부)박지영
Ziyoung Park, Hansung University
- Jiajie Zhang, University College
London

NKOS Workshop @ DCMI 2026 Session 1

#	Presenter & Topic	Format	Time (KST Seoul)
	Busch. Introduction	Remote presentation	2:30-2:45 PM
1.1	Zhao. Beyond Keywords: Retrieving Blue-and-White Ceramics in Dutch Paintings with Knowledge-Augmented CLIP	Remote presentation	2:45-3:15 PM
1.2	Chen. From Prompt Logs to Traceable Governance: A Provenance Application Profile for GenAI-Assisted Multilingual Thesaurus Localization	Remote presentation	3:15-3:45 PM

NKOS Workshop @ DCMI 2026 Session 2

#	Presenter & Topic	Format	Time (KST Seoul)
2.1	Liu, Chen, Jia, Lee, and Chou. Establishing Ethical Guidelines for Use of AI Tools in KOS and Metadata Services: A Framework of Human-Supervised Automation Workflows	Hybrid panel discussion	3:45-4:45
		Break	4:45-5:00

NKOS Workshop @ DCMI 2026 Session 3

#	Presenter & Topic	Format	Time (KST Seoul)
3.1	Quin. Capturing Semantic Gaps in MeSH through Human-AI Collaboration	Remote presentation	5:00-5:30 PM
3.2	Dehkordi and Pazooki. Semantic Mapping of Archival Metadata Standards: Toward a Hybrid Knowledge Organization System for the National Library and Archives of Iran	Remote presentation	5:30-6:00 PM
3.3	Zhang. Hermeneutic Ontology Engineering: LLM-Assisted Schema Induction for Oral History Knowledge Organisation	In person presentation	6:00-6:30 PM
	Busch. Announcements & Closing		6:30-6:45 PM

Workshop structure

- All submissions were refereed by the Program Committee, who provided comments that were communicated to submitters.
- Each presentation has a 30-minute slot – 20 minutes for the presentation and 10 for questions.
- The panel has a 60-minute slot including 5 short presentations followed by a discussion.
- Many of the presentations will be given remotely on the webinar.
- We have two moderators onsite at the National Library of Korea in Seoul.
- 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

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