ISKO Scientific and Technical Advisory Council

Observing knowledge organization scholarship and applications

Annual Report 2021/2022
(ISKO Annual Meeting 2022-07-08

Dagobert Soergel, chair

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Call for participation in STAC work

**STAC advises the ISKO membership and the ISKO Board of Directors
on ongoing developments in KO research and technology
and on areas where more research and development is needed.**

**All are welcome and encouraged to participate
in ways put forth in this report**

STAC membership

- **Add members incrementally to reach 30 by 2024 with staggered terms**

- **Since July 1, 2021 added the following 9 members, total now 22 of 30**

  – **Koraljka Golub,** Professor, Department of Cultural Sciences, head of the iInstitute, LNU's iSchool, co-leader of LNU's Digital Humanities Initiative, and programme coordinator for M.A. in Digital Humanities, Linnaeus University, Växjö & Kalmar, Sweden

  – **Jia Junzhi, Professor,** School of Information Resource Management, Renmin University, Beijing, China

  – **Robert Montoya,** Assistant Professor, Department of Information Studies, University of California, Los Angeles (UCLA), USA

  – **Jian Qin ,** Professor, School of Information Studies and Program Director, MS in Library and Information Science, Syracuse University, Syracuse, NY, USA

  – **Pauline Rafferty,** Senior Lecturer, Department of Information Studies, Aberystwyth University, Aberystwyth, Wales, UK

More

STAC membership

- **Since July 1, 2021 added the following, continued**
  - **Natalia Tognoli,** Professora Adjunta C1, Departamento de Ciência da Informação e no Programa de Pós-Graduação em Ciência da Informação, Universidade Federal Fluminense, Niterói, Rio de Janeiro state, Brazil

  - **Douglas Tudhope,** Professor, School Of Computing and Mathematics and Faculty of Computing, Engineering and Science, University of South Wales, Pontypridd, Wales, UK

  - **Jonathan Ward,** Senior Editor, Getty Vocabulary Program, Los Angeles, California ,USA

  - **Marcia Zeng,** Professor, School of Information, Kent State University, Kent, Ohio, USA

- **By September 2022, plan to add three members not necessarily members of ISKO (yet) from the following areas:**
  - **Ontology Community,**

  - **Linguistics,**

  - **Computer science (data modeling)**

STAC activities. Working groups

Two active STAC working groups and more in formation looking for additional members from ISKO and beyond. Email the chair if interested or know someone who might be interested.
STAC working groups will produce publications authored by members.

- **Education in Knowledge Organization across disciplines**
  Marcia Zeng <mzeng@kent.edu>, also looking for a co-chair

- **Annual cross-disciplinary review of Knowledge Organization**
  Jonathan Furner <jfurner@ucla.edu>

  Knowledge Organization Pathfinder Dagobert Soergel <ds@dsoergel.com>
  Global team of students working under faculty supervision for academic credit.

  Discussions on reviving KO Literature with Inkyung Choi <inkyungc@illinois.edu>

- **Metadata structure, function, and uses** Jian Qin <jqin@syr.edu>

  with an active subgroup working on
  Metadata Guidelines for procurement of discovery systems <D.Haynes@napier.ac.uk>

- **KO support for the movement for social justice**
  NataliaTognoli <nataliatognoli@id.uff.br>

- **More suggested working group topics on the next slide**

Potential STAC Working Groups

If interested in any, email ds@dsoergel.com and aida.slavic@udcc.org

- **Knowledge Organization for learning**

- **KO support for sustainability**

- **KO support for crisis management**

- **KO support for dealing with misinformation on social media**

- **KO support for information and education on healthy behavior**

- **KO support for team science, especially interdisciplinary teams**

- **Semantic technologies in publishing, sharing, and accessing KOS**

- **Terminology shifts in KOS and management of semantic shift over-time**

- **KOS representation standards and KOS ontologies**

- **KO and subject access in information retrieval**

- **Information behaviour in relation to KO**

- **KOS visualization/GUI**

ISKO 2024 in Wuhan

STAC is charged with overseeing the programmatic organization of the international ISKO biennial conference.

STAC has a conference working group lead by
    Thiago Barros <sean.vogel@gmail.com>
working with the local organizing committee.

STAC will work with the local organizers to formulate a conference theme and the call for papers

Preamble
It is a given that the scientific and technical conference of a professional organization welcomes submissions on any topic researchers and practitioners in the domain are working on. The conference theme and the specific topics enumerated in the call for papers are in a way supplemental. They express what ISKO members see as important issues in knowledge organization that they would like to hear about at the conference. They might inspire some researchers and practioners to think about how their research and system development might address the issues their peers see as important.

The theme should also be attractive to non-ISKO members

STAC wants to hear from ISKO members

STAC is issuing a call to members, starting now, to submit ideas for a conference theme, for session topics, for topics to include in the call for papers, posters, tutorials, workshops by email to

<ds@dsoergel.com>, <aida.slavic@udcc.org>

Deadline Oct. 15, 2022.

STAC will consider all submissions in its deliberations.

To "prime the pump", the next slide shows some ideas that have been floated.

Some sample ideas for a conference theme and call-for-paper topics

- **Knowledge Organization for Learning**

- **Knowledge Organization and Cognition**

- **Knowledge Organization to Support Machine Learning**

- **Knowledge Organization for Transparent Artificial Intelligence**

- **Knowledge Organization to support Natural Language Processing**

- **Knowledge Organization and Creativity**

- **Knowledge Organization and Understanding Social Media**

- **Knowledge Organization for Novel Information Retrieval**

- **Knowledge Organization to enable many types of user queries not now supported**

- **Culture and identity in knowledge organization (ISKO 2000 Toronto)**

The ISKO database *KO literature*

While this is not a STAC activity per se, STAC has some involvement in it.

This activity is led by Inkyung Choi <inkyungc@illinois.edu>,
but this an activity that needs many hands across all ISKO chapters.

Pleae get in touch with Inkyung if you can help.

Thank you

Questions

https://www.isko.org/stac/