

**The Human Position in an Artificial World: creativity, ethics and AI
in knowledge organization.**

Sixth ISKO UK Biennial conference, 15th- 16th July 2019

Provisional Programme

Chair: David Haynes

MONDAY 15 JULY 2019

08:30 Registration opens
Lecture Theatre Foyer

09:30 Session 1: **Opening Session (90 minutes)**
Lecture Theatre: ELG15

Conference opening by the Chair of ISKO UK David Haynes

Welcome to City, University of London David Bawden & Lyn
Robinson

Keynote Paper on AI & Semantic Web Solutions Jem Rayfield, Ontotext

Fandom folksonomies and creativity: the case
of the Archive of Our Own Ludi Price

Poster Parade

11:00 coffee/tea
Lecture Theatre Foyer

11:40 Session 2A: **AI (Parallel session 90 min)**
Lecture Theatre ELG15

Semantic Enrichment of Linked Personal
Authority Data: a case study of elites in late
Imperial China Shu-Jiun Chen

Towards a Process for Criminal Semantic
Information Fusion to Obtain Situational
Projections Valdir Amancio Pereira
Junior, and Leonardo Castro
Botega

The Role of Knowledge Organizing Systems in
Business Intelligence: a literature review Tanja Svarre, Marianne
Lykke and Ann Bygholm

11:40 Session 2B: **ETHICS (Parallel session 90 min)**
Lecture Theatre ELG01

Ethical Considerations and Social Responsibility
in Library Catalogues

Drahomira Cupar, Ljiljana
Poljak

Ethical Challenges in Archival Knowledge
Organization: the description of personal data
for long-term preservation

José Augusto Guimarães,
Natalia Tognoli, José
Augusto Bagatini, and Daniel
Martínez-Ávila

Developments in Ethics of Knowledge
Organization: from critical approaches to
classifications to controlled digital
communication practices

Joana Casenave and Widad
Mustafa El Hadi

13:10 Lunch (60 min)
Lecture Theatre Foyer

14:10 Session 3: **IKO Case Study Café – Case Pitches and Discussion Round 1**

This is an interactive session where participants can choose to explore case studies of their choice in some depth in a series of round table discussions. The structure of this session is:

1. Presenters complete an outline of the case study which is made available to conference participants
2. Each presenter has a 5 minute "pitch" to the plenary audience about the key features and learning points from their case study.
3. The case presenters then host 3 x 30 minute round table discussions exploring aspects of their case - this is meant to be a dialogue led by the questions of the people who choose to attend that table discussion, not a presentation.

15:40 coffee/tea (40 min)
Lecture Theatre Foyer

16:20 Session 4: **IKO Case Study Café – Discussion Round 2 and 3, Debrief**

18:00 CLOSE OF THE DAY'S SESSIONS

18:15 Reception and Buffet
Lecture Theatre Foyer

19:30 END OF DAY

TUESDAY 16 JULY 2019

08:30 Registration opens
Lecture Theatre Foyer

Keynote Paper on Creativity and AI

Neil Maiden

The Respective Roles of Intellectual Creativity
and Automation in Representing Diversity

Vanda Broughton

Power, Truth and Creativity: the ethical
dimensions of the knowledge organization of
art

Deborah Lee

10:30 tea/coffee (40 min)
Lecture Theatre Foyer

11:10 Session **6A: CREATIVITY (parallel session – 120 min)**
Lecture Theatre ELG15

Creating an Ontology of Risk, a
Human-Mediated Process

David Haynes

Human-in-the-Loop Topic Modelling

Paul Matthews

Fake News as an Emergent Knowledge
Domain: perspectives for its subject
categorization

Rafael Cacciolari
Dalessandro, José Augusto
Guimarães, and D Grant
Campbell

Title TBC

TBC

11:10 Session **6B: AI AND TAXONOMIES (parallel session – 120 min)**
Lecture Theatre ELG01

Paradigmatic Similarities in Knowledge
Representation between AI and Ontological
Systems

Jian Qin

	Should we Abandon all Taxonomies in Light of new AI Tools?	Michael Upshall
	Algorithmic Relevance: a case of knowledge representation, organization and discovery systems	Lala Hajibayova
	AI: Artificial Intelligence or Autistic Intelligence? Keeping knowledge organisation human	Patrick Lambe
13:10	lunch (60 min) <i>Lecture Theatre Foyer</i>	
14:10	Session 7: DISCUSSION PANEL (65 min) <i>Lecture Theatre ELG15</i>	
	In an AI-Supported World, Where do the Opportunities Lie for Knowledge Organization?	Panel
15:10	tea/coffee (40 min) <i>Lecture Theatre Foyer</i>	
15:20	BOOK PRIZE DRAW (10 min) <i>Lecture Theatre Foyer</i>	
15:40	Session 8: AI, KO and Retrieval <i>Lecture Theatre ELG15</i>	
	On Machine Learning and Knowledge Organisation in Multimedia Information Retrieval	Andy MacFarlane, Sondess Missaoui and Sylwia Frankowska-Takhari
	Rethinking 'Advanced Search': an AI-based approach to search strategy formulation	Tony Russell-Rose
	Intelligent Behavior Based Techniques: do they have a role in enterprise search?	Marianne Lykke, Ann Bygholm, and Tanja Svarre
17:10	Closing remarks (20 min)	
17:30	END OF CONFERENCE	

POSTERS

Lecture Theatre Foyer throughout

Classification in the Age of Intelligent Algorithms: human reasoning or machine reasoning?

Mauricio Barcellos Almeida,
Eduardo Ribeiro Felipe, and
Benildes Coura Moreira dos
Santos Maculan

AI-powered Invention Machines and the
Democratisation of Innovation

Richard Absalom