

# Table of Contents

<b>Introduction</b>	11
<i>Giovanna Aracri, Assunta Caruso, Antonietta Folino: An Ontological Model for Semantic Interoperability Within an Earth Observation Knowledge Base</i>	13
<i>Webert Júnior Araújo, Gercina Ângela de Lima: A Methodological Proposal Towards Domain Ontology Enrichment</i>	23
<i>Mario Barité, Mirtha Rauch: Cultural Warrant: Old and New Sights from Knowledge Organization</i>	31
<i>Maria Teresa Biagetti: Bibliographical Relationships in Knowledge Organization Systems: A Historical-Theoretical Perspective</i>	41
<i>Ceri Binding, Claudio Gnoli, Gabriele Merli, Marcin Trzmielewski, Paul-Valéry, Douglas Tudhope: Integrative Levels Classification as a Networked KOS: A SKOS Representation of ILC2</i>	49
<i>Pino Buizza: Thesaurus and Heading Lists: Equivalences and Divergences</i>	59
<i>D. Grant Campbell, Alex Mayhew: Inheritance and Lamination in the Representation of Bibliographic Relationships</i>	69
<i>Josir Cardoso Gomes, Marco André Feldman Schneider: Ethical Perspective on Classifications of Religions: The Protestant Rise in Brazil</i>	78
<i>Yi-Yun Cheng, Khanh Linh Hoang, Bertram Ludäscher: Cacao, Cocoa, or Cocoa?: Reconciliation of Taxonomic Names in Biodiversity Heritage Library</i>	88
<i>Stephanie Colombo: Representation and Misrepresentation in Knowledge Organization: The Cases of Bias</i>	98
<i>Giulia Crippa, Andre Vieira de Freitas Araujo: Order of Knowledge, Selection and Bibliographical Tension in the 16th Century: Between Gesnerian Universality and Possevinian Anti-Heretism</i>	105
<i>Amelie Dorn, Renato Rocha Souza, Enric Senabre, Thomas Palfinger, Eveline Wandl-Vogt, Barbara Piringer: Crafting a System for Knowledge Discovery and Organisation: A Case-Study on KOS for a Non-Standard German Legacy Dataset</i>	115
<i>Sharon Farnel, Ali Shiri: Indigenous Community Driven Knowledge Organization at the Interface: The Case of the Inuvialuit Digital Library</i>	123

<i>Amel Fraisse, Samantha Blickhan, Victoria Van Hyning: Towards an Open, Inclusive and Sustainable Knowledge Organization Models</i>	133
<i>Jonathan Furner: New Formats, Shifting Fortunes: Late-Twentieth-Century KO in the Wild</i>	142
<i>Francisco-Javier García-Marco, Fernando Galindo, Pilar Lasala, Joaquín López del Ramo: Advancing the Interoperability of the GLAM+ and Cultural Tourism Sectors through KOS: Perspectives and Challenges</i>	151
<i>Ann M. Graf: Domain Analysis of Graffiti Art Documentation: A Methodological Approach</i>	161
<i>David Haynes: Understanding Personal Online Risk to Individuals Via Ontology Development</i>	171
<i>Antoine Henry, Widad Mustafa El Hadi: The Use of Community to Organize Knowledge: The Case of an Energy Company</i>	181
<i>Philip Hider: Fiction Genres in Library Catalogues and Social Cataloguing Sites</i>	190
<i>Maximilian Hindermann, Andreas Ledl: BARTOC FAST: A Federated Asynchronous Search Tool for Remote Vocabulary Access</i>	200
<i>Chris Holstrom, Joseph T. Tennis: Visibility, Identity, and Personal Expression: Qualitative Case Studies of Social Tagging on MetaFilter</i>	207
<i>Gregory H. Leazer, Robert Montoya, Jonathan Furner: Numerical Classification and Complexity: Developing a Classification of Classifications</i>	217
<i>Deborah Lee, Lyn Robinson, David Bawden: Operatic Knowledge Organisation: An Exploration of the Domain and Bibliographic Interface in the Classification of Opera Subgenres</i>	226
<i>Daniel Libonati Gomes, Thiago Henrique Bragato Barros: The Bias in Ontologies: An Analysis of the FOAF Ontology</i>	236
<i>Lucinéia Souza Maia, Gercina Ângela de Lima: A System for Specifying Semantic Relations for Knowledge Representation</i>	245
<i>Carlos Henrique Marcondes, Célia da Consolação Dias: Representing Faceted Classification in SKOS</i>	254
<i>Daniel Martínez-Ávila, Fidelia Ibekwe, Fernanda Bochi: The Epistemic Communities and Evolution of Knowledge Domains: A Domain Analysis of the Journal Education for Information</i>	264
<i>Paul Matthews: Knowledge Organisation Systems for Chatbots and Conversational Agents: A Review of Approaches and an Evaluation of Relative Value-Added for the User</i>	274
<i>Claire McDonald: Call Us by Our Name(s): Shifting Representations of the Transgender Community in Classificatory Practice</i>	284

<i>Ádne Meling: A Critique of the Use and Abuse of Typologies in Cultural Policy Analysis</i>	293
<i>Juan Bernardo Montoya-Mogollón, Sonia Troitiño: Digital Forensics Science and Knowledge Organization: An Interdisciplinary Approach to Addressing the Conceptual Challenges of Born-Digital Records</i>	302
<i>Katherine Morrison: Committed to a Narrative: Expressions of Knowledge Organization at The Henry Ford Museum of American Innovation</i>	310
<i>Catalina Naumis-Peña, Hugo Alberto Guadarrama-Sánchez, Luis Enrique Sánchez-Rodríguez, Rosa de Guadalupe Hernández-Villeda: Terminological Relations of a Thesaurus for University Cultural Infrastructure Terms</i>	319
<i>Inger Beate Nylund: Using the Concept of Warrant in Designing Metadata for Enterprise Search</i>	328
<i>Lucia Maria Velloso de Oliveira, Bianca Therezinha C. Panisset, José Antonio da Silva: Types of Documents: Representations of Who We Are and How the Government Works</i>	338
<i>Ziyoung Park, Hosin Lee, Seungchon Kim, Sungjae Park, Dasom Jung, Seunghye Son, Yoonwhan Kim, Hyewon Lee: Organizing Performing Arts Records of Korean Traditional Music as Linked Open Data</i>	348
<i>Ziyoung Park, So Young Yoon, Seunghye Son, Yoonwhan Kim: Constructing Semantic Periodical Index Database Focusing on the Visegrad Group's Transition Process (writing problems)</i>	357
<i>Brigita Perchutkaite, Marianne Lykke: Facilitating University–Industry Interaction by Visually Showcasing Researcher Profiles Via Metadata</i>	364
<i>Günter Reiner, Philipp Adämmer: Similarities Between Human Structured Subject Indexing and Probabilistic Topic Models</i>	374
<i>Athena Salaba: Knowledge Organization Requirements in LIS Graduate Programs</i>	384
<i>Gustavo Saldanha, Giulia Crippa: Concept Theory and Conceit Theory Ontology and Logology Between Conceptuality and Non-Conceptuality in Knowledge Organization</i>	394
<i>Ali Shiri, Elizabeth Joan Kelly, Ayla Stein Kenfield, Kinza Masood, Caroline Muglia, Santi Thompson, Liz Woolcott: A Faceted Conceptualization of Digital Object Reuse in Digital Repositories</i>	402
<i>Carlos Guardado da Silva, Luís Corujo, Jorge Revez: The Classification Plan for Local Administration: Portuguese Archives and the Knowledge Organization in Practice</i>	411
<i>Richard P. Smiraglia, Rick Szostak: Identifying and Classifying the Phenomena of Music</i>	421

<i>Linda C. Smith: Interdisciplinary Searching as a Use Case for Vocabulary Mapping</i>	428
<i>Rick Szostak, Richard P. Smiraglia, Andrea Scharnhorst, Ronald Siebes, Aida Slavic, Daniel Martínez-Ávila, Tobias Renwick: Classifications as Linked Open Data: Challenges and Opportunities</i>	436
<i>Natália Tognoli, Suellen Oliveira Milani, José Augusto Chaves Guimarães, João Batista Ernesto de Moraes: The Subject Dimension of Authorship: A New Perspective of Provenance in KO</i>	446
<i>Uma Balakrishnan, Dagobert Soergel, Olivia Helfer: Representing Concepts through Description Logic Expressions for Knowledge Organization System (KOS) Mapping</i>	455
<i>Mario Barité, Mirtha Rauch: Classification System for Knowledge Organization Literature (CSKOL): Its Update, a Pending Task?</i>	460
<i>Thiago Henrique Bragato Barros: Touching from a Distance: Concept Theory and Archival Hierarchical Classification</i>	465
<i>Amelie Dorn, Yalemisew Abgaz, Gerda Koch, José Luis Preza Díaz: Harvesting Knowledge from Cultural Images with Assorted Technologies: The Example of the ChIA Project</i>	470
<i>Francisco-Javier García-Marco: Knowledge Organization in Historical Information Systems Revisited: Changes in Society, Technology and Expectations 25 Years Later</i>	474
<i>Negin Shokrzadeh Hashtroudi, Mohsen Haji Zeinolabedini: Representing Entities and Characteristics of Iranian Performing Arts Based on IFLA Library Reference Model (IFLA-LRM)</i>	479
<i>Christopher S.G. Khoo, Rebecca Y.P. Kan: An Ontology for Conceptual Analysis of Signature Pedagogies</i>	484
<i>Michael Kleineberg: Classifying Perspectives: Expressing Levels of Knowing in the Integrative Levels Classification</i>	489
<i>Wan-Chen Lee: Linking, Mapping, Matching, and Change: Contemporary Use of Ranganathan's Three Planes of Work in Classification Activity</i>	494
<i>Xiaoyue Ma, Pengzhen Xue, Nada Matta: Reconstruction of Crisis Knowledge Ontology by Integrating Temporal-Spatial Analysis</i>	499
<i>Luís Machado, Graça Simões, Claudio Gnoli, Renato Souza: Can an Ontologically-Oriented KO Do Without Concepts?</i>	502
<i>Victor Odumuyiwa, Yetunde Zaid, Olatunde Barber: Enhancing Knowledge Organization Through Implicit Collaboration in Crowdsourcing Process</i>	507

<i>Lucia Maria Velloso de Oliveira, Bianca Therezinha C. Panisset, José Antonio da Silva: Mediation in Archives: Organization, Classification and Transparency</i>	512
<i>Olivia Pestana, Rui Sousa-Silva: Knowledge Organization in the New Era Using DIY Corpora as Writing Assistants</i>	517
<i>Marcos Gonçalves Ramos, Priscila Ramos Carvalho, Rosali Fernandez de Souza: Amazônia and Amazon: Domain Analysis with Iramuteq in Scopus and LISA Databases</i>	522
<i>Tobias Renwick, Rick Szostak: A Thesaural Interface for the Basic Concepts Classification</i>	527
<i>Ana Lúcia Terra, Maria Del Carmen Agustin-Lacruz, Mariângela Spotti Lopes Fujita: The Role of Knowledge Organization in Scientific Communication: An Overview on JCR's Psychology Journals Guidelines about Title, Abstract and Keywords</i>	532
<i>Julietti de Andrade, Marilda Lopes Ginez de Lara: The social role of knowledge organization in Evidence Based Health</i>	537
<i>Radia Bernaoui, Dagobert Soergel: Social Network Communication and Effects on Innovation: The Case of the Agrifood Sector in Algeria</i>	540
<i>Djadeu Nguemedyam Colette: Organization and Sharing of Knowledge on Selective Household Waste Collection for Hygiene and Sanitation in the City of Yaoundé, Cameroon</i>	543
<i>Rodrigo Aldeia Duarte, Rosali Fernandez de Souza, Gustavo Saldanha: Devising a Concept of User for Archival Science: An Analysis of the Brazilian Scientific Literature</i>	546
<i>Isadora Victorino Evangelista, Thiago Henrique Bragato Barros: Ethical Aspects in Knowledge Organization: A Discourse Analysis at ISKO International Events</i>	549
<i>Negin Shokrzadeh Hashtroudi, Mohsen Haji Zeinolabedini: Educational Practices of Knowledge Organization in Iran: A Historical Review</i>	551
<i>María Leticia Pereyra Lanterna, María José López-Huertas Pérez, Francisco José Morales Calatayud: Approach to Domain Community Health and its Implications for Information Management</i>	554
<i>Bruno Henrique Machado, Rafael Semidão, Telma Campanha De Carvalho Madio, Daniel Martínez-Ávila: Provenance as an Ethical Measure for the Archival Knowledge Organization of Photographs</i>	557
<i>Alex Mayhew: Phylomemetic Cataloguing: Expanding Bibliographic Relationships Beyond FRBR</i>	559

<i>Marcos Luiz Cavalcanti de Miranda, Maria Luiza de Almeida Campos:</i> Knowledge Organization Cultural Studies and Their Influence on Knowledge Organization Systems from the Douglas John Foskett's Perspectives	562
<i>Katerina Lynn Stanton, Rachel Ivy Clarke:</i> The Design Domain is Divided: Issues in Interdisciplinary Library Classification	564
<i>Marc Tanti:</i> Analysis on Twitter of the Actors and Rumors Around the Ebola Epidemic 2018-2019 in the Democratic Republic of Congo.	566
<i>Natália Tognoli, Lucas Correa:</i> Knowledge Organization Systems as Accountability Tools in Archival Science	569
<i>Fernanda Valle, Gustavo Saldanha:</i> Autism Disorder in KO: Classification, Representation and Social Impact	572
<b>Subject Index</b>	575
<b>Author Index</b>	580
<b>International Scientific Committee</b>	582