Table of Contents

Introduction 11

Keynote Address: D Vg{V A' C} eZo&? j ZgiVh. The Integration of Culture in Knowledge Organization Systems 13

Epistemological Dimension of Knowledge Organization

D Vg^t c\ ZaV = j _^iV VcY CZcV MVc^V G^c] Z^gd. Epistemology as a Philosophical Basis for Knowledge Organization Conceptions 29

GVj aV : Vg^cV YZ 8 gVÇ_d VcY Adhx 8 j \ j hid > j ^b VgvZh' Epistemology of Knowledge Organization: A Study of Epistemic Communities 36

Laura Ridenour and Richard P. Smiraglia. How Interdisciplinary Is Knowledge Organization? An Epistemological View of Knowledge Organization as a Domain 43

Jay H. Bernstein. Anthropology and Knowledge Organization: Affinities and Prospects for Engagement 51

Andre de Freitas Araujo, Fiammetta Sabba and Giulia Crippa.Semantic Order in the 16th @ i qpnt 7 > i Fi orjn_p^qj nt Adh^pnnd j i j a @ j i nh_ D` ni ` m•n Pandectae 59

Rodrigo de Sales. Knowledge Organization in the Brazilian Scientific Community and Its Epistemological Intersection with Information Science 67

Jiri Pika. Knowledge Organization in Sciei ^` n † > n \ @ g\ nndad^\ qj nt Performance and Classification Design Model for Humanities 75

Joseph T. Tennis. Structure of Classification Theory: On Foundational and the Higher Layers of Classification Theory 84

Akhigbe B. Ijesunor, Aderibigbe S. Ojo, Kayode A. Aderonke, Afolabi B. Samuel and Adagunodo E. Rotimi. Towards Better Knowledge Organization Systems: Exploring the Uc-Paradigm of Evaluation 88

Richard P. Smiraglia. Extending Classification Interaction: Portuguese Data Case Studies 97

=gVcX^hXd&AVk^Zg > VgX{V&D VgXd' The Interaction between the Systematic and Alphabetical Approaches to Knowledge Organization and Its Subjacent Mechanisms: a Long-term Primary Wave? 105

Inkyung Choi and Hur-Li Lee. A Keyword Analysis of User Studies in Knowledge Organization: The Emerging Framework 116

Ann M. Graf. Describing an Outsider Art Movement from Within: The AAT and Graffiti Art 125

Michael Kleineberg. Integral Methodological Pluralism: An Organizing Principle for Method Classification 133

Ad] c D' 9j YY VcY ; Vc^ZaD Vgi{cZo&è k^aV' Epistemic Warrant for Categorizational Activities in Knowledge Organization 142

D Vg^d 9Vg^ix. Literary Warrant Revisited: Theoretical and Methodological Approach 146

Richard P. Smiraglia and Joshua A. Henry. Facets Among the Topoi: An Emerging Taxonomy of Silent Film Music 156

Camila Monteiro de Barros, C{\ ^V : V[x VcY 8j YgZn CVeaVciZ Emotional Concepts in Music Knowledge Organization 164

Tesla C. Andrade and Vera Dodebei. Traces of Digitized Newspapers and Born-Digital News Sites: A Trail to the Memory on the Internet 171

> ^j a^V : g^eeV%, Z^hZ JWWW\ VcY D r gX^V l ' J^akV' The Bibliographic Gesture in Knowledge 179

Gustavo Saldanha and Naira C. Silveira. The Treasure of Tesauro: Knowledge Organization, Rhetoric and Language 186

8a^cZ 8gWd^i VcY Adhx 8j \ j hid > j ^b VgvZn' Searching for a Metatheoretical Mapping of the Process of Socio-Cognitive Institutionalization of the Knowledge Organization Domain 193

: nci] ^V B' Jj ZcV\ V%Advd 9Vi^hiV <' YZ D dgVZn VcY EVir a^V Kd\ cda^' Metatheoretical Introduction of Discourse Analysis and the Theory of Speech Acts for Knowledge Organization Improvement 201

CZ^aV : ' N Z^hh%D Vg^hV 9guhX] Zg VcY N ^aa^Vb 9' M^VccV' Pragmatism, Constructivism and Knowledge Organization 211

I ZcViV : VhiVc] V%=r W^d I dhVh VcY D Vg^V : arj Y^V > gr X^d' The @j h kg h `i d\ mdt j aE eõmg i _•n \i _ Q`i i dh•n Mhjnkj n\ gn oj Aj h \d > i \g t mdh under Bibliometrics 219

Leilah Bufrem, Ely Tannuri Oliveira and Bruno H. Alves. Seminal Theoretical References and Their Contributions to Knowledge Organization (KO) from @dd\ oqj i > i \g t mdh j aFPHL F] Çmd^j @j h h pi d^\ oqj i n %- - 2,/ - . 2&227

Applied Dimension of Knowledge Organization

Jdc^V Kgd^i^| d I dYg^\ j Zo%D Vg^t c\ ZaV Fujita and Dulce A. B. Neves. Indexing in Records Management 234

Renato R. Souza and Isidoro Gil-Leiva. Automatic Indexing of Scientific Texts: A Methodological Comparison 243

Lorena de Paula and Maria Aparecida Moura. Nanopublication and Indexing: Semantic and Pragmatic Interchanges in Methodological Applications 251

I dWZgiV ; Vaé<kZYdkZ KVgiVgdii^ VcY D Vg^t c\ ZaV CdeZh =j _^iV. The Perspective of Social Indexing in Online Bibliographic Catalogs: Between the Individual and the Collaborative 257

Marcilio de Brito, Widad Mustafa El Hadi, Maja ' umer and Simone Bastos Vieira. Indexing with Images: The Imagetic Conceptual Methodology 265

Jun Deng and Dagobert Soergel. Concept Maps to Support Paper Topic Exploration and Student-Advisor Communication 275

D Vg^hdaJda^h%I ZcViV N VhhZgb Vcc VcY Mt c^V D '8' C^b V' On the Use of Ontologies for Search in a Collaborative System for Architectural Images 283

Carlos Guardado da Silva. Knowledge Organization in Portuguese Public Administration: From the Functional Classification Plan to the Creation of an L i oj gi bt anjh oc` P`h \i od^ T `] •n M mnk` ^odq` 290

Benildes Maculan, Gercina Lima and Elaine D. Oliveira. Conversion Methods from Thesaurus to Ontologies: A Review 300

G. Arave and Elin K. Jacob. Evaluating Semantic Interoperability across Ontologies 308

CV{h: VggVhXd VcY J^akVcV M^Ydii^" Handling Multilinguality in Heterogeneous Digital Cultural Heritage Systems trough CIDOC CRM Ontology 317

NZWZgi 8gVÇ_d%> ZgX^cVC^b VVcY @@d G^Zgdoo^Ag' Data-Driven Ontology Evaluation Based on Competency Questions: A Study in the Agricultural Domain 326

Dagobert Soergel and Olivia Helfer. A Metrics Ontology. An Intellectual Infrastructure for Defining, Managing, and Applying Metrics 333

Aarti Jivrajani, K. H. Apoorva and K. S. Raghavan. Ontology-based Retrieval System for Hospital Records 342

Ana M. Cunha, Carlos H. Marcondes, Joyce Messa, Monnique Esteves, Nilson T. Barbosa, Rosana Portugal and Tatiana Almeida. Proposal of a General Classification Schema for Museum Objects 350

Rick Szostak. Employing a Synthetic Approach to Subject Classification across Galleries, Libraries, Archives, and Museums 359

Rodrigo de Santis and Claudio Gnoli. Expressing Dependence Relationships in the Integrative Levels Classification Using OWL 368

Lidiane Carvalho. The Knowledge Organization (KO) Studies in the Health Field: A Relational Perspective 376

Hemalata Iyer. Alternative System of Medicine, Ayurveda: Challenges to Knowledge Organization and Representation 384

Widad Mustafa El Hadi and Marcin Roszkowski. The Role of Digital Libraries as Virtual Research Environments for the Digital Humanities 392

Johanna Smit, Clarissa Schmidt, Lilian Bezerra, Marli Vargas and Ana Silvia Pires. Functional Classification of Archival Records: Some Questions and a Case Study with Records Produced by the Ri dq`mddt j aPÄj Mpgj)?nudg403

K. S. Raghavan, I. K. Ravichandra Rao and K. N. Bhargav. Knowledge Organization in a Multi-disciplinary Domain: Case Study of Forensic Science 411

Aderibigbe Ojo, Akhigbe Ijesunor, Afolabi Samuel and Adagunodo Rotimi. Towards a Sustained Collaborative Knowledge Sharing: The F2F Interactive Sharing Paradigm 420

Diogo Pereira, Edson Silva and Renato R. Souza. Use of Lucene Framework to Retrieve Documents through Multiword Expressions as Search Descriptors 429

Kavi Mahesh and Pallavi Karanth. Organizing Knowledge to Facilitate Analytics 437

Maja ' umer and Marcia L. Zeng. The New FRBR-LRM Model: Some Accents 444

Wies/aw Babik. Information Logistics: Usability in Knowledge Organization 451

Peter Ohly. Dimensions of Globality: A Bibliometric Analysis 460

Helen C. S. Casarin and Nayara B. de Mattos. @cdg_•nFi aj mh \qdj i ?`c\qdj md the Domain of Information Science: An Analysis through the Scopus Database 469

Laura Ridenour. Practical Applications of Citation Analysis to Examine Interdisciplinary Knowledge 477

Social and Political Dimension of Knowledge Organization

Wan-Chen Lee. Challenges and Considerations of Adapting Foreign Classification Standards 485

Carlos H. Marcondes and Maria Luiza A. Campos. Searching for a Methodology to Define Culturally Relevant Relationships between Digital Collections in Archives, Libraries and Museums 493

Aline S. Franca and Naira C. Silveira. The Bibliographic Representation of Authorship of Autochthonous Communities 502

Evelyn G. D. Orrico and Eliezer P. da Silva. Knowledge Organization in Archives: The Brazilian Case 508

D Vg^t c\ ZaV=j _^iV%GVj aV; Væ<kZYdkZ%=gVcX^ZaZ I ZY^\ dad VcY EdZb ^ Martinho. The Socio-Cognitive Context of the Subject Cataloger and His Professional Experience 515

D. Grant Campbell. Classifying in the Context of Disability: Finding Potential Solutions in Existing Schemes 523

M. Tanti, P. Roux, M. P. Carrieri and B. Spire. Exploiting the Knowledge Organization of Health 2.0 to Create Strategi^ S\ go` d Mp] gd^ E`\ goc † An Example of Application to the Problem of Drug Consumption Rooms in France 530

Rosana M. S. Trivelato and Maria Aparecida Moura. Alterity, Tolerance and Heterotopia: Repercussions on the Religion Science Representation in Bibliographic Classification Systems 538

=gVcX^hXd AVk^Zg > VgX{V&D VgXd' Teaching Thesaurus Construction: A Top-Down Approach for LIS Undergraduate Programmes 546

Katarzyna Materska. Knowledge Organization in University Repositories in Poland 555

: Vb Za^V I db Zgd&D ^aar c VcY : ViVa^cV EVj b ^h&GZ| V' Representation of Contents on Female Participation in Salaried Work 564

Rita C. V. Zamboni and Marivalde M. Francelin. The Location of Classification: Between the Local and the Global 572

Patrick Keilty and Richard P. Smiraglia. Gay Male Nomenclature 579

Francisco A. Nascimento, Francisco Leite Jr and Fabio A. Pinho.What Gender Is This? Challenges to the Subject Representation about the Gender Boundaries 587

@Vab] T7] \ b` WPcb] `a O\ R 5 cbV] `za =\ RSf 593