

Knowledge Organization

International Journal

Devoted to Concept Theory, Classification, Indexing, and Knowledge Representation

CONTENT

Articles

■ *Rahmatollah Fattahi*

Towards Developing Theories About Data: A Philosophical and Scientific Approach

■ *Daniela Lucas da Silva Lemos, Dalton Lopes Martins, Asla Medeiros e Sá,
Luciana Conrado Martins and Danielle do Carmo*

A Proposal in Creating a Semantic Repository for Digital 3D Replicas:
The Case of Modernist Sculptures in Public Spaces of Rio De Janeiro

■ *Udaya Varadarajan and Biswanath Dutta*

Models for Narrative Information: A Study

■ *Liang Tian and Chengzhi Zhang*

Using Hashtags to Analyse Purpose and Technology Application
of Open-Source Project Related to COVID-19

ERGON-VERLAG

ISSN 0943-7444 Knowl.Org.

KO

KNOWLEDGE ORGANIZATION

Official Journal of the International Society for Knowledge Organization

ISSN 0943 – 7444

International Journal devoted to Concept Theory, Classification, Indexing and Knowledge Representation

Contents

Articles

Rahmatollah Fattabi

Towards Developing Theories About Data:
A Philosophical and Scientific Approach 141

*Daniela Lucas da Silva Lemos, Dalton Lopes Martins,
Asla Medeiros e Sá, Luciana Conrado Martins and
Danielle do Carmo*

A Proposal in Creating a Semantic Repository for
Digital 3D Replicas: The Case of Modernist
Sculptures in Public Spaces of Rio De Janeiro 151

Udaya Varadarajan and Biswanath Dutta

Models for Narrative Information: A Study 172

Liang Tian and Chengzhi Zhang

Using Hashtags to Analyse Purpose and Technology
Application of Open-Source Project Related to
COVID-19 192

KNOWLEDGE ORGANIZATION

KO

Official Journal of the International Society for Knowledge Organization

ISSN 0943 – 7444

International Journal devoted to Concept Theory, Classification, Indexing and Knowledge Representation

KNOWLEDGE ORGANIZATION

This journal is the organ of the INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION (General Secretariat: Dr David HAYNES, School of Computing, Edinburgh Napier University, Merchiston Campus, Edinburgh, EH10 5DT, United Kingdom. E-mail: secre@isko.org).

Editors

Vanda BROUGHTON (Editor-in-Chief) Department of Information Studies, University College London, Gower Street, London WC1E 6BT. E-mail: v.broughton@ucl.ac.uk

Maja ŽUMER (Deputy Editor) Faculty of Arts, University of Ljubljana, Askerceva 2, Ljubljana 1000 Slovenia. E-mail: maja.zumer@ff.uni-lj.si

Lu AN (Deputy Editor) Wuhan University, China, No.299 Bayi Road, Wuchang District, Wuhan, Hubei Province, China 430072. E-mail: anlu97@163.com

Thiago BARROS (Deputy Editor) Federal University of Rio Grande do Sul, Brazil, Av. Paulo Gama 110, Porto Alegre 90046-900. E-mail: bragato.barros@ufrgs.br

Editor Emerita

Hope A. OLSON, School of Information Studies, University of Wisconsin-Milwaukee, Milwaukee, Northwest Quad Building B, 2025 E Newport St., Milwaukee, WI 53211 USA. E-mail: holson@uwm.edu

Series Editors

Birger HJØRLAND (Reviews of Concepts in Knowledge Organization), Department of Information Studies, University of Copenhagen. E-Mail: birger.hjorland@hum.ku.dk

María J. LÓPEZ-HUERTAS (Research Trajectories in Knowledge Organization), Universidad de Granada, Facultad de Biblioteconomía y Documentación, Campus Universitario de Cartuja, Biblioteca del Colegio Máximo de Cartuja, 18071 Granada, Spain. E-mail: mjlopez@ugr.es

Editorial Board

Thomas DOUSA, The University of Chicago Libraries, 1100 E 57th St, Chicago, IL 60637 USA. E-mail: tmdousa@uchicago.edu

Melodie J. FOX, Institute for Knowledge Organization and Structure, Lake Oswego OR USA 97035. E-mail: melodie.j.fox@gmail.com

Jonathan FURNER, Graduate School of Education & Information Studies, University of California, Los Angeles, 300 Young Dr. N, Mailbox 951520, Los Angeles, CA 90095-1520, USA. E-mail: furner@gseis.ucla.edu

Claudio GNOLI, University of Pavia, Science and Technology Library, via Ferrata 1, I-27100 Pavia, Italy. E-mail: claudio.gnoli@unipv.it

Ann M. GRAF, School of Library and Information Science, Simmons University, 300 The Fenway, Boston, MA 02115 USA. E-mail: ann.graf@simmons.edu

Jane GREENBERG, College of Computing & Informatics, Drexel University, 3141 Chestnut Street, Philadelphia, PA 19104 USA, E-mail: jg3423@drexel.edu

José Augusto Chaves GUIMARÃES, Departamento de Ciência da Informação, Universidade Estadual Paulista–UNESP, Av. Hygino Muzzi Filho 737, 17525-900 Marília SP Brazil. E-mail: guima@marilia.unesp.br

Michael KLEINEBERG, Humboldt-Universität zu Berlin, Unter den Linden 6, D-10099 Berlin. E-mail: michael.kleineberg@ub.hu-berlin.de

Kathryn LA BARRE, School of Information Sciences, University of Illinois at Urbana-Champaign, 501 E. Daniel Street, MC-493, Champaign, IL 61820-6211 USA. E-mail: klabarre@illinois.edu

Devika P. MADALLI, Documentation Research and Training Centre (DRTC) Indian Statistical Institute (ISI), Bangalore 560 059, India. E-mail: devika@drtc.isibang.ac.in

Daniel MARTÍNEZ-ÁVILA, Departamento de Ciência da Informação, Universidade Estadual Paulista–UNESP, Av. Hygino Muzzi Filho 737, 17525-900 Marília SP Brazil. E-mail: dmartinezavila@marilia.unesp.br

Widad MUSTAFA el HADI, Université Charles de Gaulle Lille 3, URF IDIST, Domaine du Pont de Bois, Villeneuve d'Ascq 59653, France. E-mail: widad.mustafa@free.fr

H. Peter OHLY, Prinzenstr. 179, D-53175 Bonn, Germany. E-mail: Peter.Ohly@gmx.de

M. Cristina PATTUPELLI, School of Information, Pratt Institute, 144 W. 14th Street, New York, New York 10011, USA. E-mail: mpattuel@pratt.edu

K. S. RAGHAVAN, Member-Secretary, Sarada Ranganathan Endowment for Library Science, PES Institute of Technology, 100 Feet Ring Road, BSK 3rd Stage, Bangalore 560085, India. E-mail: ksragav@hotmail.com

Heather Moulaison SANDY, The iSchool at the University of Missouri, 303 Townsend Hall, Columbia, MO 65211, USA. E-mail: moulaisonhe@missouri.edu

M. P. SATIJA, Guru Nanak Dev University, School of Library and Information Science, Amritsar-143 005, India. E-mail: satija_mp@yahoo.com

Aida SLAVIC, UDC Consortium, PO Box 90407, 2509 LK The Hague, The Netherlands. E-mail: aida.slavic@udcc.org

Renato R. SOUZA, Applied Mathematics School, Getulio Vargas Foundation, Praia de Botafogo, 190, 3o andar, Rio de Janeiro, RJ, 22250-900, Brazil. E-mail: renato.souza@fgv.br

Rick SZOSTAK, University of Alberta, Department of Economics, 4 Edmonton, Alberta, Canada, T6G 2H4. E-mail: rszostak@ualberta.ca

Joseph T. TENNIS, The Information School of the University of Washington, Box 352840, Mary Gates Hall Ste 370, Seattle WA 98195-2840 USA. E-mail: jtennis@u.washington.edu

Yejun WU, School of Library and Information Science, Louisiana State University, 267 Coates Hall, Baton Rouge, LA 70803 USA. E-mail: wuyj@lsu.edu