

COLLABORATIVE INFORMATION SEEKING THE ART AND SCI

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Collaborative Information Behavior: User Engagement and Communication Sharing

- Foster, Jonathan 2010-06-30
"This book coordinates and integrates current research and practices in the area of collaborative information behavior, providing information on empirical research findings, theoretical frameworks, and

models relevant to understanding collaborative information behavior"--Provided by publisher.

Opening Science - Sönke Bartling 2013-12-16
Modern information and communication technologies, together with a cultural upheaval within the research community, have profoundly

changed research in nearly every aspect. Ranging from sharing and discussing ideas in social networks for scientists to new collaborative environments and novel publication formats, knowledge creation and dissemination as we know it is experiencing a vigorous shift towards increased transparency, collaboration and accessibility. Many assume that research workflows will change more in the next 20 years than they have in the last 200. This book provides researchers, decision makers, and other scientific stakeholders with a snapshot of the basics, the tools, and the underlying visions that drive the current scientific (r)evolution, often called 'Open Science.'

Computational Science and Its Applications - ICCSA 2014 - Beniamino Murgante
2014-07-02

The six-volume set LNCS 8579-8584 constitutes the refereed proceedings of the 14th International Conference on Computational Science and Its Applications, ICCSA 2014, held in Guimarães, Portugal, in

June/July 2014. The 347 revised papers presented in 30 workshops and a special track were carefully reviewed and selected from 1167. The 289 papers presented in the workshops cover various areas in computational science ranging from computational science technologies to specific areas of computational science such as computational geometry and security.

Collaborative Information Seeking - Preben Hansen
2015-09-12

Compiled by world-class leaders in the field of collaborative information retrieval and search (CIS), this book centres on the notion that information seeking is not always a solitary activity and working in collaboration to perform information-seeking tasks should be studied and supported. Covering aspects of theories, models, and applications the book is divided in three parts:

- Best Practices and Studies: providing an overview of current knowledge and state-of-the-art in the field.
- New Domains: covers some of

the new and exciting opportunities of applying CIS · New Thoughts: focuses on new research directions by scholars from academia and industry from around the world.

Collaborative Information Seeking provides a valuable reference for student, teachers, and researchers interested in the area of collaborative work, information seeking/retrieval, and human-computer interaction.

Collaborative and Social Information Retrieval and Access: Techniques for Improved User Modeling -

Chevalier, Max 2009-04-30
"This book deals with the improvement of user modeling in the context of Collaborative and Social Information Access and Retrieval (CSIRA) techniques"--Provided by publisher.

Collaborative Art in the Twenty-First Century -

Sondra Bacharach 2016-05-05
Collaboration in the arts is no longer a conscious choice to make a deliberate artistic statement, but instead a necessity of artistic survival. In

today's hybrid world of virtual mobility, collaboration decentralizes creative strategies, enabling artists to carve new territories and maintain practice-based autonomy in an increasingly commercial and saturated art world. Collaboration now transforms not only artistic practices but also the development of cultural institutions, communities and personal lifestyles. This book explores why collaboration has become so integrated into a greater understanding of creative artistic practice. It draws on an emerging generation of contributors—from the arts, art history, sociology, political science, and philosophy—to engage directly with the diverse and interdisciplinary nature of collaborative practice of the future.

Reference and Information Services - Kay Ann Cassell 2018-06-11

As librarians experience a changing climate for all information services professionals, in this book

Cassell and Hiremath provide the tools needed to manage the ebb and flow of changing reference services in today's libraries.

Systems Science and Collaborative Information Systems: Theories, Practices and New Research - Currás, Emilia 2011-11-30

Recent changes in information science have emerged as a result of challenges faced by the business, social, and scientific worlds, as well as continued progress in information and communication technologies. Organizations have begun to seek collaborative and joint efforts that allow them to better participate in challenging and competitive opportunities. This is illustrated by the creation of highly integrated supply chains, virtual libraries and organizations, and virtual laboratories. *Systems Science and Collaborative Information Systems: Theories, Practices and New Research* examines the impact of new information services on day-to-day activities from a range of

contemporary technical and socio-cultural perspectives. This collection also creates a sound theoretical basis for information systems and new research opportunities in the field.

Collaboration and Technology - Nelson Baloian
2014-08-01

This book constitutes the proceedings of the 20th Collaboration Researchers' International Working Group Conference on Collaboration and Technology, held in Santiago, Chile, in September 2014. The 16 revised papers presented together with 18 progress papers and 3 invited talks were carefully reviewed and selected from 49 submissions. The papers published in proceedings of this year's and past CRIWG conferences reflect the trends in collaborative computing research and its evolution. There was a growing interest in social networks analysis, crowdsourcing and computer support for large communities in general. A special research topic which has been traditionally present in the

CRIWG proceedings has been collaborative learning.

Librarians and Educators Collaborating for Success: The International

Perspective - Marcia A. Mardis
2016-12-05

The first in the IASL-Libraries Unlimited partnership series, this book features contributions written by authors from around the world about their effective collaboration experiences. •

Presents stellar programs rooted in research that readers can emulate in their schools •

Provides a broad, international perspective on how to achieve effective collaborations that boost student achievement •

Establishes a global perspective on the role of libraries in education and elevates the status of librarians • Covers topics of global interest that apply to all age levels

Encyclopedia of E-Collaboration - Kock, Ned
2007-12-31

"This encyclopedia provides the most comprehensive compilation of information on the design and implementation of e-collaboration technologies,

their behavioral impact on individuals and groups, and theoretical considerations on links between the use of e-collaboration technology and behavioral patterns. It delivers indispensable content to libraries and researchers looking to develop programs of investigation into the use of e-collaboration"--Provided by publisher.

Revue Canadienne Des Sciences de L'information Et de Bibliotheconomie - 2002

[Encyclopedia of Library and Information Sciences](#) - John D. McDonald
2017-03-15

The Encyclopedia of Library and Information Sciences, comprising of seven volumes, now in its fourth edition, compiles the contributions of major researchers and practitioners and explores the cultural institutions of more than 30 countries. This major reference presents over 550 entries extensively reviewed for accuracy in seven print volumes or online. The new fourth edition, which includes 55 new entries and 60 revised

entries, continues to reflect the growing convergence among the disciplines that influence information and the cultural record, with coverage of the latest topics as well as classic articles of historical and theoretical importance.

Library and Information Science Research in Asia-Oceania: Theory and Practice - Du, Jia Tina 2014-02-28

Historically, the major Library and Information Science (LIS) research-producing centers of the world have largely been the universities and information institutions of North America, the United Kingdom, and Europe. This is changing with the growth of Asian economies, universities, and information industries. *Library and Information Science Research in Asia-Oceania: Theory and Practice* presents evolving and emerging research and development in the field of library and information science (LIS) in diverse countries in Asia-Oceania as the region continues to develop. This book is intended as a useful resource for LIS researchers, scholars,

students, professionals, and practitioners, and is an appropriate text for courses in LIS. In addition, anyone interested in understanding the LIS field in the region will find this book a fascinating and enlightening read.

Online Collaboration and Communication in Contemporary Organizations - Kolbaek, Ditte 2018-04-06

The digital age has introduced a deeper sense of connectivity in business environments. By relying more heavily on current technologies, organizations now experience more effective communication and collaboration opportunities. *Online Collaboration and Communication in Contemporary Organizations* is a critical scholarly resource that identifies the new practices and techniques for leading, knowledge sharing, and learning through the use of online collaboration. Featuring coverage on a broad range of topics such as online leadership, intercultural competence, and e-ethics, this

book is geared toward professionals, managers, and researchers seeking current research on new practices for online collaboration and communication.

Game Research Methods: An Overview - Patri Lankoski 2015

"Games are increasingly becoming the focus for research due to their cultural and economic impact on modern society. However, there are many different types of approaches and methods than can be applied to understanding games or those that play games. This book provides an introduction to various game research methods that are useful to students in all levels of higher education covering both quantitative, qualitative and mixed methods. In addition, approaches using game development for research is described. Each method is described in its own chapter by a researcher with practical experience of applying the method to topic of games. Through this, the book provides an overview of research

methods that enable us to better our understanding on games."--Provided by publisher.
Advances in Information and Communication - Kohei Arai
2019-02-01

This book presents a remarkable collection of chapters that cover a wide range of topics in the areas of information and communication technologies and their real-world applications. It gathers the Proceedings of the Future of Information and Communication Conference 2019 (FICC 2019), held in San Francisco, USA from March 14 to 15, 2019. The conference attracted a total of 462 submissions from pioneering researchers, scientists, industrial engineers, and students from all around the world. Following a double-blind peer review process, 160 submissions (including 15 poster papers) were ultimately selected for inclusion in these proceedings. The papers highlight relevant trends in, and the latest research on: Communication, Data Science, Ambient Intelligence,

Networking, Computing, Security, and the Internet of Things. Further, they address all aspects of Information Science and communication technologies, from classical to intelligent, and both the theory and applications of the latest technologies and methodologies. Gathering chapters that discuss state-of-the-art intelligent methods and techniques for solving real-world problems, along with future research directions, the book represents both an interesting read and a valuable asset.

Sustainable Digital

Communities - Anneli

Sundqvist 2020-03-19

This volume constitutes the proceedings of the 15th International Conference on Sustainable Digital Communities, iConference 2020, held in Borås, Sweden, in March 2020. The 27 full papers and the 48 short papers presented in this volume were carefully reviewed and selected from 178 submissions. They cover topics such as: sustainable communities; social

media; information behavior; information literacy; user experience; inclusion; education; public libraries; archives and records; future of work; open data; scientometrics; AI and machine learning; methodological innovation.

Information Retrieval

Technology - Rafael Banchs

2013-12-09

This book constitutes the refereed proceedings of the 9th Information Retrieval Societies Conference, AIRS 2013, held in Singapore, in December 2013. The 27 full papers and 18 poster presentations included in this volume were carefully reviewed and selected from 109 submissions. They are organized in the following topical sections: IR theory, modeling and query processing; clustering, classification and detection; natural language processing for IR; social networks, user-centered studies and personalization and applications.

Collaborative Information

Seeking - Chirag Shah

2012-07-04

Today's complex, information-intensive problems often require people to work together. Mostly these tasks go far beyond simply searching together; they include information lookup, sharing, synthesis, and decision-making. In addition, they all have an end-goal that is mutually beneficial to all parties involved. Such "collaborative information seeking" (CIS) projects typically last several sessions and the participants all share an intention to contribute and benefit. Not surprisingly, these processes are highly interactive. Shah focuses on two individually well-understood notions: collaboration and information seeking, with the goal of bringing them together to show how it is a natural tendency for humans to work together on complex tasks. The first part of his book introduces the general notions of collaboration and information seeking, as well as related concepts, terminology, and frameworks; and thus provides the reader with a comprehensive treatment of

the concepts underlying CIS. The second part of the book details CIS as a standalone domain. A series of frameworks, theories, and models are introduced to provide a conceptual basis for CIS. The final part describes several systems and applications of CIS, along with their broader implications on other fields such as computer-supported cooperative work (CSCW) and human-computer interaction (HCI). With this first comprehensive overview of an exciting new research field, Shah delivers to graduate students and researchers in academia and industry an encompassing description of the technologies involved, state-of-the-art results, and open challenges as well as research opportunities. Trends in Music Information Seeking, Behavior, and Retrieval for Creativity - Kostagiolas, Petros 2016-06-01 In the literature of information science, a number of studies have been carried out attempting to model cognitive, affective, behavioral, and

contextual factors associated with human information seeking and retrieval. On the other hand, only a few studies have addressed the exploration of creative thinking in music, focusing on understanding and describing individuals' information seeking behavior during the creative process. Trends in Music Information Seeking, Behavior, and Retrieval for Creativity connects theoretical concepts in information seeking and behavior to the music creative process. This publication presents new research, case studies, surveys, and theories related to various aspects of information retrieval and the information seeking behavior of diverse scholarly and professional music communities. Music professionals, theorists, researchers, and students will find this publication an essential resource for their professional and research needs.

Exploring Context in Information Behavior -

Naresh Kumar Agarwal

2022-05-31

The field of human information behavior runs the gamut of processes from the realization of a need or gap in understanding, to the search for information from one or more sources to fill that gap, to the use of that information to complete a task at hand or to satisfy a curiosity, as well as other behaviors such as avoiding information or finding information serendipitously. Designers of mechanisms, tools, and computer-based systems to facilitate this seeking and search process often lack a full knowledge of the context surrounding the search. This context may vary depending on the job or role of the person; individual characteristics such as personality, domain knowledge, age, gender, perception of self, etc.; the task at hand; the source and the channel and their degree of accessibility and usability; and the relationship that the seeker shares with the source. Yet researchers have yet to agree on what context really means. While there have

been various research studies incorporating context, and biennial conferences on context in information behavior, there lacks a clear definition of what context is, what its boundaries are, and what elements and variables comprise context. In this book, we look at the many definitions of and the theoretical and empirical studies on context, and I attempt to map the conceptual space of context in information behavior. I propose theoretical frameworks to map the boundaries, elements, and variables of context. I then discuss how to incorporate these frameworks and variables in the design of research studies on context. We then arrive at a unified definition of context. This book should provide designers of search systems a better understanding of context as they seek to meet the needs and demands of information seekers. It will be an important resource for researchers in Library and Information Science, especially doctoral students looking for one resource that covers an

exhaustive range of the most current literature related to context, the best selection of classics, and a synthesis of these into theoretical frameworks and a unified definition. The book should help to move forward research in the field by clarifying the elements, variables, and views that are pertinent. In particular, the list of elements to be considered, and the variables associated with each element will be extremely useful to researchers wanting to include the influences of context in their studies.

Applications of Social Research Methods to Questions in Information and Library Science, 2nd Edition - Barbara M.

Wildemuth 2016-11-14

The second edition of this innovative textbook illustrates research methods for library and information science, describing the most appropriate approaches to a question—and showing you what makes research successful. • Provides comprehensive coverage of research methods used in

library and information science, discussing their strengths, weaknesses, and biases • Presents completely updated content that includes several new chapters on innovative methods (mixed methods research and social network analysis) and more than half of the methods chapters focus on critiquing new research studies • Covers both qualitative and quantitative methods as well as mixed methods • Analyzes examples of award-winning library research

Semantic Keyword-based Search on Structured Data Sources - Jorge Cardoso
2016-01-06

This book constitutes the thoroughly refereed post-conference proceedings of the First COST Action IC1302 International KEYSTONE Conference on semantic Keyword-based Search on Structured Data Sources, IKC 2015, held in Coimbra, Portugal, in September 2015. The 13 revised full papers, 3 revised short papers, and 2 invited papers were carefully reviewed and selected from 22

initial submissions. The paper topics cover techniques for keyword search, semantic data management, social Web and social media, information retrieval, benchmarking for search on big data.

Information Retrieval and Management: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2018-01-05

With the increased use of technology in modern society, high volumes of multimedia information exists. It is important for businesses, organizations, and individuals to understand how to optimize this data and new methods are emerging for more efficient information management and retrieval. *Information Retrieval and Management: Concepts, Methodologies, Tools, and Applications* is an innovative reference source for the latest academic material in the field of information and communication technologies and explores how complex information systems interact with and affect one another.

Highlighting a range of topics such as knowledge discovery, semantic web, and information resources management, this multi-volume book is ideally designed for researchers, developers, managers, strategic planners, and advanced-level students.

Transactions on Computational Collective Intelligence XXVI -

Ngoc Thanh Nguyen
2017-06-14

These transactions publish research in computer-based methods of computational collective intelligence (CCI) and their applications in a wide range of fields such as the semantic Web, social networks, and multi-agent systems. TCCI strives to cover new methodological, theoretical and practical aspects of CCI understood as the form of intelligence that emerges from the collaboration and competition of many individuals (artificial and/or natural). The application of multiple computational intelligence technologies, such as fuzzy systems, evolutionary computation, neural systems,

consensus theory, etc., aims to support human and other collective intelligence and to create new forms of CCI in natural and/or artificial systems. This twenty-sixth issue is a special issue with selected papers from the First International KEYSTONE Conference 2015 (IKC 2015), part of the keystone COST Action IC1302.

Research Collaboration and Team Science - Barry Bozeman
2014-05-16

Today in most scientific and technical fields more than 90% of research studies and publications are collaborative, often resulting in high-impact research and development of commercial applications, as reflected in patents. Nowadays in many areas of science, collaboration is not a preference but, literally, a work prerequisite. The purpose of this book is to review and critique the burgeoning scholarship on research collaboration. The authors seek to identify gaps in theory and research and identify the ways in which existing research can

be used to improve public policy for collaboration and to improve project-level management of collaborations using Scientific and Technical Human Capital (STHC) theory as a framework. Broadly speaking, STHC is the sum of scientific and technical and social knowledge, skills and resources embodied in a particular individual. It is both human capital endowments, such as formal education and training and social relations and network ties that bind scientists and the users of science together. STHC includes the human capital which is the unique set of resources the individual brings to his or her own work and to collaborative efforts. Generally, human capital models have developed separately from social capital models, but in the practice of science and the career growth of scientists, the two are not easily disentangled. Using a multi-factor model, the book explores various factors affecting collaboration outcomes, with particular attention on institutional factors

such as industry-university relations and the rise of large-scale university research centers.

Distributed User Interfaces: Usability and Collaboration -

María D. Lozano 2013-10-17

Written by international researchers in the field of Distributed User Interfaces (DUIs), this book brings together important contributions regarding collaboration and usability in Distributed User Interface settings. Throughout the thirteen chapters authors address key questions concerning how collaboration can be improved by using DUIs, including: in which situations a DUI is suitable to ease the collaboration among users; how usability standards can be used to evaluate the usability of systems based on DUIs; and accurately describe case studies and prototypes implementing these concerns. Under a collaborative scenario, users sharing common goals may take advantage of DUI environments to carry out their tasks more successfully

because DUIs provide a shared environment where the users are allowed to manipulate information in the same space and at the same time. Under this hypothesis, collaborative DUI scenarios open new challenges to usability evaluation techniques and methods. Distributed User Interfaces: Collaboration and Usability presents an integrated view of different approaches related to Collaboration and Usability in Distributed User Interface settings, which demonstrate the state of the art, as well as future directions in this novel and rapidly evolving subject area.

Web Usage Mining Techniques and Applications Across Industries - Kumar, A.V. Senthil 2016-08-12

Web usage mining is defined as the application of data mining technologies to online usage patterns as a way to better understand and serve the needs of web-based applications. Because the internet has become a central component in information

sharing and commerce, having the ability to analyze user behavior on the web has become a critical component to a variety of industries. Web Usage Mining Techniques and Applications Across Industries addresses the systems and methodologies that enable organizations to predict web user behavior as a way to support website design and personalization of web-based services and commerce. Featuring perspectives from a variety of sectors, this publication is designed for use by IT specialists, business professionals, researchers, and graduate-level students interested in learning more about the latest concepts related to web-based information retrieval and mining.

International Handbook of the Learning Sciences - Frank Fischer 2018-04-19

The International Handbook of the Learning Sciences is a comprehensive collection of international perspectives on this interdisciplinary field. In more than 50 chapters, leading

experts synthesize past, current, and emerging theoretical and empirical directions for learning sciences research. The three sections of the handbook capture, respectively: foundational contributions from multiple disciplines and the ways in which the learning sciences has fashioned these into its own brand of use-oriented theory, design, and evidence; learning sciences approaches to designing, researching, and evaluating learning broadly construed; and the methodological diversity of learning sciences research, assessment, and analytic approaches. This pioneering collection is the definitive volume of international learning sciences scholarship and an essential text for scholars in this area.

Designs for Experimentation and Inquiry - Åsa Mäkitalo
2019-06-27

Designs for Experimentation and Inquiry examines how digital media is reconfiguring the established worlds of research, education and

professional practice. It reflects on the theoretical, methodological and ethical issues shaping contemporary engagements with digital learning and offers insights for both analysing and intervening in digital learning practices. This insightful volume fills a gap in the current literature by bringing together experiences from Sociocultural Studies of Learning, Science and Technology Studies, and Design Studies. Each chapter is an innovative case study, examining a different aspect of digital media's role in research, education and professional practice by exploring topics such as: Learning practices and digitalized dialogue Digital design experiments Digitally mediated collaborations Ethical digital inquiry and design Expertly researched and written, this book is a unique resource for scholars, researchers and professionals working in the fields of digital design, applied technology and the learning sciences. [Collaborative Society](#) - Dariusz Jemielniak 2020-02-18

How networked technology enables the emergence of a new collaborative society. Humans are hard-wired for collaboration, and new technologies of communication act as a super-amplifier of our natural collaborative mindset. This volume in the MIT Press Essential Knowledge series examines the emergence of a new kind of social collaboration enabled by networked technologies. This new collaborative society might be characterized as a series of services and startups that enable peer-to-peer exchanges and interactions through technology. Some believe that the economic aspects of the new collaboration have the potential to make society more equitable; others see collaborative communities based on sharing as a cover for social injustice and user exploitation. The book covers the “sharing economy,” and the hijacking of the term by corporations; different models of peer production, and motivations to participate; collaborative media production

and consumption, the definitions of “amateur” and “professional,” and the power of memes; hacktivism and social movements, including Anonymous and anti-ACTA protest; collaborative knowledge creation, including citizen science; collaborative self-tracking; and internet-mediated social relations, as seen in the use of Instagram, Snapchat, and Tinder. Finally, the book considers the future of these collaborative tendencies and the disruptions caused by fake news, bots, and other challenges.

Social Information Seeking -
Chirag Shah 2017-06-28

This volume summarizes the author’s work on social information seeking (SIS), and at the same time serves as an introduction to the topic. Sometimes also referred to as social search or social information retrieval, this is a relatively new area of study concerned with the seeking and acquiring of information from social spaces on the Internet. It involves studying situations, motivations, and methods

involved in seeking and sharing of information in participatory online social sites, such as Yahoo! Answers, WikiAnswers, and Twitter, as well as building systems for supporting such activities. The first part of the book introduces various foundational concepts, including information seeking, social media, and social networking. As such it provides the necessary basis to then discuss how those aspects could intertwine in different ways to create methods, tools, and opportunities for supporting and leveraging SIS. Next, Part II discusses the social dimension and primarily examines the online question-answering activity. Part III then emphasizes the collaborative aspect of information seeking, and examines what happens when social and collaborative dimensions are considered together. Lastly, Part IV provides a synthesis by consolidating methods, systems, and evaluation techniques related to social and collaborative information seeking. The book is completed

by a list of challenges and opportunities for both theoretical and practical SIS work. The book is intended mainly for researchers and graduate students looking for an introduction to this new field, as well as developers and system designers interested in building interactive information retrieval systems or social/community-driven interfaces.

Spirit Work and the Science of Collaboration - Michael Fullan
2021-10-19

Spirit is the essence of character—of what it means to be human. Finding hope in the power of collaboration underpinned by ‘spirit work’-- the care and love of students as learners-- Fullan & Edwards capture how some school districts are creating a deep learning environment for all. COVID-19, racial inequity, polarizing politics, mass misinformation, and myriad other challenges have made the future of education seem bleaker than ever. Spirit Work and the Science of Collaboration speaks directly to

leaders' hearts and advocates for the development of two qualities that will bring back hope for the future of education: "spirit work" and the science of collaboration. Spirit work centers love and care for students, staff, and communities as the impetus for creating a positive culture, while collaboration is the vehicle for manifesting that spirit work. Through powerful case studies and vignettes, the authors show how spirit and collaboration represent revolutionary potential for education. Readers will find a lifeline amid overwhelming conditions. Hope for themselves and the future of education. Practical ideas for building cohesion throughout school communities. We cannot allow our best advocates for children to be consumed by today's challenges. Spirit work and collaboration can pave the way to a brighter future.

Collaborative Computational Technologies for Biomedical Research - Sean Ekins

2011-08-04

Methods, Processes, and Tools

for Collaboration "The time has come to fundamentally rethink how we handle the building of knowledge in biomedical sciences today. This book describes how the computational sciences have transformed into being a key knowledge broker, able to integrate and operate across divergent data types."—Bryn Williams-Jones, Associate Research Fellow, Pfizer The pharmaceutical industry utilizes an extended network of partner organizations in order to discover and develop new drugs, however there is currently little guidance for managing information and resources across collaborations. Featuring contributions from the leading experts in a range of industries, Collaborative Computational Technologies for Biomedical Research provides information that will help organizations make critical decisions about managing partnerships, including: Serving as a user manual for collaborations Tackling real problems from both human collaborative and data and

informatics perspectives
Providing case histories of
biomedical collaborations and
technology-specific chapters
that balance technological
depth with accessibility for the
non-specialist reader A must-
read for anyone working in the
pharmaceuticals industry or
academia, this book marks a
major step towards widespread
collaboration facilitated by
computational technologies.

Digital Cultural Heritage -

Horst Kremers 2019-06-21

This book provides an overview
of various application spheres
and supports further
innovations needed in
information management and
in the processes of knowledge
generation. The professions,
organizations and scientific
associations involved are
unusually challenged by the
complexity of the data
situation. Cartography has
always been the central field of
application for georeferencing
digital cultural heritage (DCH)
objects. It is particularly
important in enabling spatial
relation analysis between any
number of DCH objects or of

their granular details. In
addition to the pure geometric
aspects, the cognitive relations
that lead to knowledge
representation and derivation
of innovative use processes are
also of increasing importance.
Further, there is a societal
demand for spatial reference
and analytics (e.g. the
extensive use of cognitive
concepts of "map" and "atlas"
for a variety of social topics in
the media). There is a huge
geometrical-logical-cognitive
potential for complex,
multimedia, digital-cultural-
heritage databases and
stakeholders expect handling,
transmission and processing
operations with guaranteed
long-term availability for all
other stakeholders. In the
future, whole areas of digital
multimedia databases will need
to be processed to further our
understanding of historical and
cultural contexts. This is an
important concern for the
information society and
presents significant challenges
for cartography in all these
domains. This book collects
innovative technical and

scientific work on the entire process of object digitization, including detail extraction, archiving and interoperability of multimedia DCH data.

Advances in Information Retrieval - Maarten de Rijke
2014-03-24

This book constitutes the proceedings of the 36th European Conference on IR Research, ECIR 2014, held in Amsterdam, The Netherlands, in April 2014. The 33 full papers, 50 poster papers and 15 demonstrations presented in this volume were carefully reviewed and selected from 288 submissions. The papers are organized in the following topical sections: evaluation, recommendation, optimization, semantics, aggregation, queries, mining social media, digital libraries, efficiency, and information retrieval theory. Also included are 3 tutorial and 4 workshop presentations.

Annual Review of Information Science & Technology: Volume 41 - Blaise Cronin 2006-10
ARIST, published annually since 1966, is a landmark publication

within the information science community. It surveys the landscape of information science and technology, providing an analytical, authoritative, and accessible overview of recent trends and significant developments. The range of topics varies considerably, reflecting the dynamism of the discipline and the diversity of theoretical and applied perspectives. While ARIST continues to cover key topics associated with classical information science (e.g., bibliometrics, information retrieval), editor Blaise Cronin is selectively expanding its footprint in an effort to connect information science more tightly with cognate academic and professional communities.

Information Behavior - Amanda Spink 2010-06-25
Information behavior has emerged as an important aspect of human life, however our knowledge and understanding of it is incomplete and underdeveloped scientifically. Research on the topic is largely contemporary in focus and has

generally not incorporated results from other disciplines. In this monograph Spink provides a new understanding of information behavior by incorporating related findings, theories and models from social sciences, psychology and cognition. In her presentation, she argues that information behavior is an important instinctive sociocognitive ability that can only be fully understood with a highly interdisciplinary approach. The leitmotifs of her examination are three important research questions: First, what is the evolutionary, biological and developmental nature of information behavior? Second, what is the role of instinct versus environment in shaping information behavior? And, third, how have information behavior capabilities evolved and developed over time? Written for researchers in information science as well as social and cognitive sciences, Spink's controversial text lays the foundation for a new interdisciplinary theoretical perspective on information

behavior that will not only provide a more holistic framework for this field but will also impact those sciences, and thus also open up many new research directions.

Encyclopedia of Library and Information Science - Allen Kent 1999-10-29

"The Encyclopedia of Library and Information Science provides an outstanding resource in 33 published volumes with 2 helpful indexes. This thorough reference set---written by 1300 eminent, international experts---offers librarians, information/computer scientists, bibliographers, documentalists, systems analysts, and students, convenient access to the techniques and tools of both library and information science. Impeccably researched, cross referenced, alphabetized by subject, and generously illustrated, the Encyclopedia of Library and Information Science integrates the essential theoretical and practical information accumulating in this rapidly growing field. The

self-contained Supplements (each Supplement contains A-Z coverage) highlight new trends, describe the latest advances, and profile key people making critical contributions to the field. Recent individual Supplements considered topics such as Archival Science to User Needs Concept-Based Indexing and Retrieval of Hypermedia Information to

Using Self-Checkout Technology to Increase Productivity and Patron Service in the Library Artificial Intelligence and Machine Learning Approach to Fraud Investigation to Visual Search in Modern Human-Computer Interfaces Supplement Volumes 36-61 are available; additional supplements in preparation."