
Intelligent Multimedia Technologies For Networking Applications Techniques And Tools

Multimedia Technologies: Concepts, Methodologies, Tools, and Applications
Encyclopedia of Multimedia Technology and Networking, Second Edition
The Age of Terroredia
Information and Business Intelligence
Multidisciplinary Perspectives on Telecommunications, Wireless Systems, and Mobile Computing
Intelligent Media Technology for Communicative Intelligence
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Concepts, Methodologies, Tools, and Applications
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Intelligent Multimedia Technologies for Networking Applications: Techniques and Tools
Semantic Multimedia Analysis and Processing
International Conference, IBI 2011, Chongqing, China, December 23-25, 2011. Proceedings, Part I
Intelligent Multimedia Communication: Techniques and Applications
Multimedia and Network Information Systems
Research, Systems and Perspectives
Digital Multimedia: Concepts, Methodologies, Tools, and Applications
Proceedings of the 10th International Conference MISSI 2016
New Research in Multimedia and Internet Systems
Innovations in Intelligent Multimedia and Applications
Intelligent Multimedia Processing with Soft Computing
Innovations in Software-Defined Networking and Network Functions Virtualization
Techniques and Tools
Contemporary Challenges and Solutions for Mobile and Multimedia Technologies
Electronic Supply Network Coordination in Intelligent and Dynamic Environments: Modeling and Implementation
Intelligent Multimedia Technologies for Networking Applications

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Multimedia Technologies: Concepts, Methodologies, Tools, and Applications IGI Global
Advances in hardware, software, and audiovisual rendering technologies of recent years have unleashed a wealth of new capabilities and possibilities for multimedia applications, creating a need for a comprehensive, up-to-date reference. The Encyclopedia of Multimedia Technology and Networking provides hundreds of contributions from over 200 distinguished international experts, covering the most important issues, concepts, trends, and technologies in multimedia technology. This must-have reference contains over 1,300 terms, definitions, and concepts, providing the deepest level of understanding of the field of multimedia technology and networking for academicians, researchers, and professionals worldwide.

Encyclopedia of Multimedia Technology and Networking, Second Edition Springer

The development of new information and communication technologies has a considerable impact on the way humans interact with each other and their environment. The proper use of these technologies is an important consideration in the success of modern human endeavors.

Multidisciplinary Perspectives on Telecommunications, Wireless Systems, and Mobile Computing explores some of the latest advances in wireless communication technologies, making use of empirical research and analytical case studies to evaluate best practices in the discipline. This book will provide insight into the next generation of information and communication technologies for developers, engineers, students, researchers, and managers in the telecommunications field.

The Age of Terroredia IGI Global

Data has increased due to the growing use of web applications and communication devices. It is necessary to develop new techniques of managing data in order to ensure adequate usage. Modern Technologies for Big Data Classification and Clustering is an essential reference source for the latest scholarly research on handling large data sets with conventional data mining and provide information about the new technologies developed for the management of large data. Featuring coverage on a broad range of topics such as text and web data analytics, risk analysis, and opinion mining, this publication is ideally designed for professionals, researchers, and students seeking current research on various concepts of big data analytics.

Information and Business Intelligence IGI Global

The rapid proliferation of Multimedia and Network Information Systems is one of the key features of our times. What is also important is that the pace of change is ever increasing. University projects of today will form the core of consumer products of tomorrow. Therefore, it is very important to have a broad view of the recent scientific investigation in that area. This was the primary reason for gathering this collection of carefully selected and hopefully representative research projects, found solutions, and finally applications. They are the achievements of scientific teams from several countries. The contents of the monograph has been divided into four parts: 1) Multimedia

Information Technology, 2) Information Systems Specification, 3) Information Systems Applications, 4) Web Systems and Network Technologies. The book presents up to date research from the diverse fields of multimedia and Internet data processing.

Multidisciplinary Perspectives on Telecommunications, Wireless Systems, and Mobile Computing Springer

The fields of computer vision and image processing are constantly evolving as new research and applications in these areas emerge. Staying abreast of the most up-to-date developments in this field is necessary in order to promote further research and apply these developments in real-world settings. Computer Vision and Image Processing in Intelligent Systems and Multimedia Technologies features timely and informative research on the design and development of computer vision and image processing applications in intelligent agents as well as in multimedia technologies. Covering a diverse set of research in these areas, this publication is ideally designed for use by academicians, technology professionals, students, and researchers interested in uncovering the latest innovations in the field.

Intelligent Media Technology for Communicative Intelligence IGI Global

Since the advent of digitization, the conceptual confusion surrounding the semantic galaxy that comprises the media and journalism universes has increased. Journalism across several media platforms provides rapidly expanding content and audience engagement that assist in enhancing the journalistic experience. Exploring Transmedia Journalism in the Digital Age provides emerging research on multimedia journalism across various platforms and formats using digital technologies. While highlighting topics, such as immersive journalism, nonfictional narratives, and design practice, this book explores the theoretical and critical approaches to journalism through the lens of various technologies and media platforms. This book is an important resource for scholars, graduate and undergraduate students, and media professionals seeking current research on media expansion and participatory journalism.

Exchanging Terrorism Oxygen for Media Airwaves: The Age of Terroredia Springer

The 2nd Workshop on Intelligent Media Technology for Communicative Intelligence commemorating the 10th anniversary of the Polish-Japanese Institute of Information Technology in Warsaw aimed to explore the current research topics in the field of intelligent media technologies for communicative intelligence. Communicative intelligence represents a new challenge towards building a super-intelligence on the ubiquitous global network by accumulating a huge amount of human and knowledge resources. The term "communicative intelligence" reflects the view that communication is at the very core of intelligence and its creation. Communication permits novel ideas to emerge from intimate interactions by multiple agents, ranging from collaboration to competition. The recent advance of information and communication technologies has established an information infrastructure that allows humans and artifacts to communicate with each other beyond space and time. It enables us to advance a step further to realize a communicative intelligence with many fruitful applications. Intelligent media technologies attempt to capture and augment people's communicative activities by embedding computers into the environment to enhance interactions in an

unobtrusive manner. The introduction of embodied conversational agents that might mediate conversations among people in a social context is the next step in the process. The scope of intelligent media technologies includes design and development of intelligent supports for content production, distribution, and utilization, since rich content is crucial for communication in many applications. The promising applications of intelligence media technologies include e-learning, knowledge management systems, e-democracy, and other communication-intensive subject domains.

Convergence of Broadband, Broadcast, and Cellular Network Technologies Springer Nature
As ubiquitous multimedia applications benefit from the rapid development of intelligent multimedia technologies, there is an inherent need to present frameworks, techniques and tools that adopt these technologies to a range of networking applications. *Intelligent Multimedia Technologies for Networking Applications: Techniques and Tools* promotes the discussion of specific solutions for improving the quality of multimedia experience while investigating issues arising from the deployment of techniques for adaptive video streaming. This reference source provides relevant theoretical frameworks and leading empirical research findings and is suitable for practitioners and researchers in the area of multimedia technology.

Concepts, Methodologies, Tools, and Applications Springer

In the ever-evolving telecommunication industry, technological improvements alone are not able to keep up with the significant growth of mobile broadband traffic. As such, new research on communications networks is necessary to keep up with rising demand. *Convergence of Broadband, Broadcast, and Cellular Network Technologies* addresses the problems of broadband, broadcast, and cellular coexistence, including the increasing number of advanced mobile users and their bandwidth demands. This book will serve as a link between academia and industry, serving students, researchers, and industry professionals.

IGI Global

"This book promotes the discussion of specific solutions for improving the quality of multimedia experience while investigating issues arising from the deployment of techniques for adaptive video streaming"--Provided by publisher.

[Intelligent Quality of Service Technologies and Network Management: Models for Enhancing Communication](#) IGI Global

Multimedia data are used more and more widely in human being's life, e.g., videoconferencing, visual telephone, IPTV, etc. Nearly most of the applications need multimedia transmission techniques that send multimedia data from one side to another side and keep the properties of efficiency, robustness and security. Here, the efficiency denotes the time cost of transmission operations, the robustness denotes the ability to survive transmission errors or noises, and the security denotes the protection of the transmitted media content. Recently, various intelligent or innovative techniques are invented, which bring vast performance improvements to practical applications. For example, such content transmission techniques as p2p, sensor network and ad hoc network are constructed, which adaptively use the peers' properties to improve the network's resources. Multimedia adaptation techniques can adjust the multimedia data rate in order to be compliant with the network's bandwidth. Scalable encryption techniques can generate the data

stream that can be correctly decrypted after bit rate conversion. Ubiquitous multimedia services make the user share any kind of content anywhere. The book includes fourteen chapters highlighting current concepts, issues and emerging technologies. Distinguished scholars from many prominent research institutions around the world contribute to the book. The book covers various aspects, including not only some fundamental knowledge and the latest key techniques, but also typical applications and open issues. For example, the covered topics include the present and future video coding standards, stereo and multiview coding techniques, free-viewpoint TV techniques, wireless broadcasting techniques, media streaming techniques, wireless media transmission techniques and systems, and User-Generated Content sharing.

Big Data Analytics for Large-Scale Multimedia Search Springer Nature

Contemporary society resides in an age of ubiquitous technology. With the consistent creation and wide availability of multimedia content, it has become imperative to remain updated on the latest trends and applications in this field. *Digital Multimedia: Concepts, Methodologies, Tools, and Applications* is an innovative source of scholarly content on the latest trends, perspectives, techniques, and implementations of multimedia technologies. Including a comprehensive range of topics such as interactive media, mobile technology, and data management, this multi-volume book is an ideal reference source for engineers, professionals, students, academics, and researchers seeking emerging information on digital multimedia.

Empirical Research on Semiotics and Visual Rhetoric Springer

This book is written to promote academic strategic management and envision future innovations for academic library resources, services and instructions in the digital age. It provides academic executives, consultants, instructors, IT specialists, librarians, LIS students, managers, trainers and other professionals with the latest information for developing trends of emerging technologies applied to student-centred and service-oriented academic learning environments. This book explores various fields where key emerging technologies may have great implications on academic library information technologies, academic library management, academic library information services, and academic library internal operations. Reflects most recent emerging technologies which might impact on library administrations, resources, services and instructions Draws a clear roadmap how and where to monitor emerging technologies which began to emerge under academic library environments Provides practical and realistic suggestions and solutions how to utilize emerging technologies in academic learning environments

[Techniques and Principles in Three-Dimensional Imaging: An Introductory Approach](#) IGI Global

Online platforms have widened the availability for citizen engagement and opportunities for politicians to interact with their constituents. The increasing use of these technologies has transformed methods of governmental communication in online and offline environments. *(R)evolutionizing Political Communications through Social Media* offers crucial perspectives on the utilization of online social networks in political discourse and how these alterations have affected previous modes of correspondence. Highlighting key issues through theoretical foundations and pertinent case studies, this book is a pivotal reference source for researchers, professionals, upper-level students, and consultants interested in the influence of emerging technologies in the political arena.

Emerging Technologies for Academic Libraries in the Digital Age IGI Global

The advancement of technology is a standard of modern daily life, whether it be the release of a new cellphone, computer, or a self-driving car. Due to this constant advancement, the networks on which these technologies operate must advance as well. *Innovations in Software-Defined Networking and Network Functions Virtualization* is a critical scholarly publication that observes the advances made in network infrastructure through achieving cost efficacy while maintaining maximum flexibility for the formation and operation of these networks. Featuring coverage on a broad selection of topics, such as software-defined storage, openflow controller, and storage virtualization, this publication is geared toward professionals, computer engineers, academicians, students, and researchers seeking current and relevant research on the advancements made to network infrastructures.

Modeling and Implementation Springer Science & Business Media

This two-volume set (CCIS 267 and CCIS 268) constitutes the refereed proceedings of the International Conference on Information and Business Intelligence, IBI 2011, held in Chongqing, China, in December 2011. The 229 full papers presented were carefully reviewed and selected from 745 submissions. The papers address topics such as communication systems; accounting and agribusiness; information education and educational technology; manufacturing engineering; multimedia convergence; security and trust computing; business teaching and education; international business and marketing; economics and finance; and control systems and digital convergence.

Exploring Transmedia Journalism in the Digital Age IGI Global

This two-volume book constitutes the refereed proceedings of the 3rd International Conference on Multimedia Technology and Enhanced Learning, ICMTEL 2021, held in April 2021. Due to the COVID-19 pandemic the conference was held virtually. The 97 revised full papers have been selected from 208 submissions. They describe new learning technologies which range from smart school, smart class and smart learning at home and which have been developed from new technologies such as machine learning, multimedia and Internet of Things.

Wireless Multimedia Network Technologies IGI Global

In fields as diverse as research and development, governance, and international trade, success depends on effective communication. However, limited research exists on how professionals can express themselves consistently across disciplines. *Modern Trends Surrounding Information Technology Standards and Standardization within Organizations* showcases the far-ranging

economic and societal ramifications incited by technical standardization between individuals, organizations, disciplines, and nations. This publication serves as a valuable model for interdisciplinary scholars, IT researchers, and professionals interested in the link between technology and social change in an increasingly networked and interconnected global society.

Multimedia Technology and Enhanced Learning IGI Global

The study of symbols has long been considered a necessary field to unravel concealed meanings in symbols and images. These methods have since established themselves as staples in various fields of psychology, anthropology, computer science, and cognitive science. *Empirical Research on Semiotics and Visual Rhetoric* is a critical academic publication that examines communication through images and symbols and the methods by which researchers and scientists analyze these images and symbols. Featuring coverage on a wide range of topics, such as material culture, congruity theory, and social media, this publication is geared toward academicians, researchers, and students seeking current research on images, symbols, and how to analyze them.

Engaging Consumers through Branded Entertainment and Convergent Media Intelligent Multimedia

Technologies for Networking Applications: Techniques and Tools Techniques and Tools
Broad in scope, *Semantic Multimedia Analysis and Processing* provides a complete reference of techniques, algorithms, and solutions for the design and the implementation of contemporary multimedia systems. Offering a balanced, global look at the latest advances in semantic indexing, retrieval, analysis, and processing of multimedia, the book features the contributions of renowned researchers from around the world. Its contents are based on four fundamental thematic pillars: 1) information and content retrieval, 2) semantic knowledge exploitation paradigms, 3) multimedia personalization, and 4) human-computer affective multimedia interaction. Its 15 chapters cover key topics such as content creation, annotation and modeling for the semantic web, multimedia content understanding, and efficiency and scalability. Fostering a deeper understanding of a popular area of research, the text: Describes state-of-the-art schemes and applications Supplies authoritative guidance on research and deployment issues Presents novel methods and applications in an informative and reproducible way Contains numerous examples, illustrations, and tables summarizing results from quantitative studies Considers ongoing trends and designates future challenges and research perspectives Includes bibliographic links for further exploration Uses both SI and US units Ideal for engineers and scientists specializing in the design of multimedia systems, software applications, and image/video analysis and processing technologies, *Semantic Multimedia Analysis and Processing* aids researchers, practitioners, and developers in finding innovative solutions to existing problems, opening up new avenues of research in uncharted waters.

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