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Web-Age Information Management - Feifei Li 2014-06-14

This book constitutes the refereed proceedings of the 15th International Conference on Web-Age Information Management, WAIM 2014, held in Macau, China, in June 2014. The 48 revised full papers presented together with 35 short papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on information retrieval; recommender systems; query processing and optimization; data mining; data and information quality; information extraction; mobile and pervasive computing; stream, time-series; security and privacy; semantic web; cloud computing; new hardware; crowdsourcing; social computing.

Advances in Services Computing - Lina Yao 2015-12-08

This book constitutes the refereed proceedings of the 9th Asia-Pacific Services Computing Conference, APSCC 2015, held in Bangkok, Thailand, in December 2015. The 17 revised full papers and 6 short papers presented were carefully reviewed and selected from numerous submissions. The papers cover a wide range of topics in services computing, web services, cloud computing, security in services, and social, peer-to-peer, mobile, ubiquitous and pervasive computing.

Empowering Human Dynamics Research with Social Media and Geospatial Data Analytics - Atsushi Nara 2021-09-20

This book discusses theoretical backgrounds, techniques and methodologies, and applications of the current state-of-the-art human dynamics research utilizing social media and geospatial big data. It describes various forms of social media and big data with location information, theory development, data collection and management techniques, and analytical methodologies to conduct human dynamics research including geographic information systems (GIS), spatiotemporal data analytics, text mining and semantic analysis, machine learning, trajectory data analysis, and geovisualization. The book also covers applied interdisciplinary research examples ranging from disaster management, public health, urban geography, and spatiotemporal information diffusion. By providing theoretical foundations, solid empirical research backgrounds, techniques, and methodologies as well as application examples from diverse interdisciplinary fields, this book will be a valuable resource to students, researchers and practitioners who utilize or plan to employ social media and big data in their work.

Digital Marketing Strategies and Models for Competitive Business

- Pinto, Filipe Mota 2020-03-27

Modern marketing practices have evolved to become a dynamic meeting point for technology practitioners and business professionals. Digital technologies have added a new paradigm to the way businesses are

projected, communicated, and developed through their marketing activities, from message delivery to content production. Digital Marketing Strategies and Models for Competitive Business is a collection of innovative research that seeks to connect theory with application, identifying best practices over digital marketing to business purposes. While highlighting topics including consumer analysis, search engine marketing, and marketing communications, this book is ideally designed for marketers, managers, executives, advertisers, graphic designers, researchers, practitioners, entrepreneurs, policymakers, and educators. Parallel Architectures, Algorithms and Programming - Hong Shen 2020-01-25

This book constitutes the refereed proceedings of the 10th International Symposium on Parallel Architectures, Algorithms and Programming, PAAP 2019, held in Guangzhou, China, in December 2019. The 39 revised full papers and 8 revised short papers presented were carefully reviewed and selected from 121 submissions. The papers deal with research results and development activities in all aspects of parallel architectures, algorithms and programming techniques.

Communication and Computing Systems - B.M.K. Prasad 2017-02-15

This book is a collection of accepted papers that were presented at the International Conference on Communication and Computing Systems (ICCCS-2016), Dronacharya College of Engineering, Gurgaon, September 9-11, 2016. The purpose of the conference was to provide a platform for interaction between scientists from industry, academia and other areas of society to discuss the current advancements in the field of communication and computing systems. The papers submitted to the proceedings were peer-reviewed by 2-3 expert referees. This volume contains 5 main subject areas: 1. Signal and Image Processing, 2. Communication & Computer Networks, 3. Soft Computing, Intelligent System, Machine Vision and Artificial Neural Network, 4. VLSI & Embedded System, 5. Software Engineering and Emerging Technologies.

Big Data Computing and Communications - Yu Wang 2015-07-23

This book constitutes the proceedings of the First International Conference on Big Data Computing and Communications, BigCom 2015,

held in Taiyuan, China, in August 2015. The 41 papers presented in this volume were carefully reviewed and selected from 74 submissions. They were organized in topical sections named: wireless communication and networks; database and big data; smart phone and sensing application; security and privacy; architecture and applications; sensor networks and RFID; social networks and recommendation; signal processing and pattern recognition; and routing and resource management.

Politics and Big Data - Andrea Ceron 2016-12-19

The importance of social media as a way to monitor an electoral campaign is well established. Day-by-day, hour-by-hour evaluation of the evolution of online ideas and opinion allows observers and scholars to monitor trends and momentum in public opinion well before traditional polls. However, there are difficulties in recording and analyzing often brief, unverified comments while the unequal age, gender, social and racial representation among social media users can produce inaccurate forecasts of final polls. Reviewing the different techniques employed using social media to nowcast and forecast elections, this book assesses its achievements and limitations while presenting a new technique of "sentiment analysis" to improve upon them. The authors carry out a meta-analysis of the existing literature to show the conditions under which social media-based electoral forecasts prove most accurate while new case studies from France, the United States and Italy demonstrate how much more accurate "sentiment analysis" can prove.

Advances in Electrical and Computer Technologies - Thangaprakash Sengodan 2021-02-26

This book comprises select proceedings of the International Conference on Advances in Electrical and Computer Technologies 2020 (ICAECT 2020). The papers presented in this book are peer-reviewed and cover latest research in electrical, electronics, communication and computer engineering. Topics covered include smart grids, soft computing techniques in power systems, smart energy management systems, power electronics, feedback control systems, biomedical engineering, geo informative systems, grid computing, data mining, image and signal processing, video processing, computer vision, pattern recognition, cloud

computing, pervasive computing, intelligent systems, artificial intelligence, neural network and fuzzy logic, broad band communication, mobile and optical communication, network security, VLSI, embedded systems, optical networks and wireless communication. The volume can be useful for students and researchers working in the different overlapping areas of electrical, electronics and communication engineering.

Handbook of Research on Machine Learning Innovations and Trends - Hassanien, Aboul Ella 2017-04-03

Continuous improvements in technological applications have allowed more opportunities to develop automated systems. This not only leads to higher success in smart data analysis, but it increases the overall probability of technological progression. The Handbook of Research on Machine Learning Innovations and Trends is a key resource on the latest advances and research regarding the vast range of advanced systems and applications involved in machine intelligence. Highlighting multidisciplinary studies on decision theory, intelligent search, and multi-agent systems, this publication is an ideal reference source for professionals and researchers working in the field of machine learning and its applications.

Conceptual Modeling - ER 2013 - Wilfred Ng 2013-11-08

This book constitutes the refereed proceedings of the 32nd International Conference on Conceptual Modeling, ER 2013, held in Hong Kong, China, in November 2013. The 23 full and 17 short papers presented were carefully reviewed and selected from 148 abstracts and 126 full papers submissions. The papers are organized in topical sections on modeling and reasoning, fundamentals of conceptual modeling, business process modeling, network modeling, data semantics, security and optimization, ontology-based modeling, searching and mining, conceptual modeling and applications, demonstration papers.

Proceedings of the First International Conference on Computational Intelligence and Informatics - Suresh Chandra Satapathy 2016-11-26

The book covers a variety of topics which include data mining and data warehousing, high performance computing, parallel and distributed

computing, computational intelligence, soft computing, big data, cloud computing, grid computing, cognitive computing, image processing, computer networks, wireless networks, social networks, wireless sensor networks, information and network security, web security, internet of things, bioinformatics and geoinformatics. The book is a collection of best papers submitted in the First International Conference on Computational Intelligence and Informatics (ICCII 2016) held during 28-30 May 2016 at JNTUH CEH, Hyderabad, India. It was hosted by Department of Computer Science and Engineering, JNTUH College of Engineering in association with Division V (Education & Research) CSI, India.

Handbook of e-Business Security - João Manuel R.S. Tavares 2018-07-27

There are a lot of e-business security concerns. Knowing about e-business security issues will likely help overcome them. Keep in mind, companies that have control over their e-business are likely to prosper most. In other words, setting up and maintaining a secure e-business is essential and important to business growth. This book covers state-of-the-art practices in e-business security, including privacy, trust, security of transactions, big data, cloud computing, social network, and distributed systems.

Engineering Communication - Charles W. Knisely 2014-01-01

A practical how-to book, ENGINEERING COMMUNICATION is more than a guidebook for creating clear, accurate and engaging communication -- it is a complete teaching tool that includes the use of technology to produce dynamic written, oral, and visual communication. There are numerous complete examples, many taken directly from either student or business samples. It also asks students to critically examine the goals and methods of engineering communication. Written with step-by-step instruction on how to create both written and oral communication, the pedagogy includes end-of-chapter exercises to give the students opportunity to use what they have learned, and for the instructor to assess student mastery. Important Notice: Media content referenced within the product description or the product text may not be

available in the ebook version.

Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2015-09-30

We live in a wireless society, one where convenience and accessibility determine the efficacy of the latest electronic gadgets and mobile devices. Making the most of these technologies—and ensuring their security against potential attackers—requires increased diligence in mobile technology research and development. *Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications* brings together a comprehensive range of voices and research in the area of mobile and wireless technologies, exploring the successes and failures, advantages and drawbacks, and benefits and limitations of the technology. With applications in a plethora of different research and topic areas, this multi-volume reference work benefits researchers, service providers, end-users, and information technology professionals. This four-volume reference work includes a diverse array of chapters and authors covering topics such as m-commerce, network ethics, mobile agent systems, mobile learning, communications infrastructure, and applications in fields such as business, healthcare, government, tourism, and more.

Web-Based Services: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2015-11-09

The recent explosion of digital media, online networking, and e-commerce has generated great new opportunities for those Internet-savvy individuals who see potential in new technologies and can turn those possibilities into reality. It is vital for such forward-thinking innovators to stay abreast of all the latest technologies. *Web-Based Services: Concepts, Methodologies, Tools, and Applications* provides readers with comprehensive coverage of some of the latest tools and technologies in the digital industry. The chapters in this multi-volume book describe a diverse range of applications and methodologies made possible in a world connected by the global network, providing researchers, computer scientists, web developers, and digital experts

with the latest knowledge and developments in Internet technologies. **Cloud Computing in Ocean and Atmospheric Sciences** - Tiffany C Vance 2016-07-16

Cloud Computing in Ocean and Atmospheric Sciences provides the latest information on this relatively new platform for scientific computing, which has great possibilities and challenges, including pricing and deployments costs and applications that are often presented as primarily business oriented. In addition, scientific users may be very familiar with these types of models and applications, but relatively unfamiliar with the intricacies of the hardware platforms they use. The book provides a range of practical examples of cloud applications that are written to be accessible to practitioners, researchers, and students in affiliated fields. By providing general information on the use of the cloud for oceanographic and atmospheric computing, as well as examples of specific applications, this book encourages and educates potential users of the cloud. The chapters provide an introduction to the practical aspects of deploying in the cloud, also providing examples of workflows and techniques that can be reused in new projects. Provides real examples that help new users quickly understand the cloud and provide guidance for new projects Presents proof of the usability of the techniques and a clear path to adoption of the techniques by other researchers Includes real research and development examples that are ideal for cloud computing adopters in ocean and atmospheric domains **Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications** - Sun, Zhaohao 2014-03-31

In the current technological world, Web services play an integral role in service computing and social networking services. This is also the case in the traditional FREG (foods, resources, energy, and goods) services because almost all traditional services are replaced fully or partially by Web services. *Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications* presents comprehensive and in-depth studies that reveal the cutting-edge theories, technologies, methodologies, and applications of demand-driven Web, mobile, and e-business services. This book provides critical perspectives for

researchers and practitioners, lecturers and undergraduate/graduate students, and professionals in the fields of computing, business, service, management, and government, as well as a variety of readers from all the social strata.

Managing Customer Experiences in an Omnichannel World - Taşkın Dirsehan 2020-11-26

Managing Customer Experiences in an Omnichannel World explores how organizations integrating both the physical and virtual environments for consumers will enable them to effectively manage the customer experience.

Knowledge and Systems Engineering - Viet-Ha Nguyen 2014-09-29

This volume contains papers presented at the Sixth International Conference on Knowledge and Systems Engineering (KSE 2014), which was held in Hanoi, Vietnam, during 9-11 October, 2014. The conference was organized by the University of Engineering and Technology, Vietnam National University, Hanoi. Besides the main track of contributed papers, this proceedings feature the results of four special sessions focusing on specific topics of interest and three invited keynote speeches. The book gathers a total of 51 carefully reviewed papers describing recent advances and development on various topics including knowledge discovery and data mining, natural language processing, expert systems, intelligent decision making, computational biology, computational modeling, optimization algorithms, and industrial applications.

Advances in Digital Technologies - J. Mizera-Pietraszko 2015-05-20

Easy access to digital information in every form is something which has become indispensable given our ever-increasing reliance on digital technology. But such access would not be possible without the reliable and effective infrastructure which has led to the large-scale development of web technologies. This book presents the 27 papers delivered at the 6th International Conference on Applications of Digital Information and Web Technologies (ICADIWT), held in February 2015, at the University of Macau, Macau. The book is divided into seven sections: Internet communication, human-computer interaction, adaptive web applications, data communication, cloud computing, systems engineering, and data

mining. Since each paper is a survey contributed by different experts from very many countries, this book can be seen as a collection of the current research trends in the field and hence it will be of interest to all those whose work involves digital information and web technology.

Web Searching and Mining - Debajyoti Mukhopadhyay 2018-12-12

This book presents the basics of search engines and their components. It introduces, for the first time, the concept of Cellular Automata in Web technology and discusses the prerequisites of Cellular Automata. In today's world, searching data from the World Wide Web is a common phenomenon for virtually everyone. It is also a fact that searching the tremendous amount of data from the Internet is a mammoth task - and handling the data after retrieval is even more challenging. In this context, it is important to understand the need for space efficiency in data storage. Though Cellular Automata has been utilized earlier in many fields, in this book the authors experiment with employing its strong mathematical model to address some critical issues in the field of Web Mining.

Web Information Systems Engineering -- WISE 2013 - Xuemin Lin 2013-10-07

This book constitutes the proceedings of the 14th International Conference on Web Information Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The 48 full papers, 29 short papers, and 10 demo and 5 challenge papers, presented in the two-volume proceedings LNCS 8180 and 8181, were carefully reviewed and selected from 198 submissions. They are organized in topical sections named: Web mining; Web recommendation; Web services; data engineering and database; semi-structured data and modeling; Web data integration and hidden Web; challenge; social Web; information extraction and multilingual management; networks, graphs and Web-based business processes; event processing, Web monitoring and management; and innovative techniques and creations.

Euro-Par 2017: Parallel Processing - Francisco F. Rivera 2017-08-18

This book constitutes the proceedings of the 23rd International Conference on Parallel and Distributed Computing, Euro-Par 2017, held

in Santiago de Compostela, Spain, in August/September 2017. The 50 revised full papers presented together with 2 abstract of invited talks and 1 invited paper were carefully reviewed and selected from 176 submissions. The papers are organized in the following topical sections: support tools and environments; performance and power modeling, prediction and evaluation; scheduling and load balancing; high performance architectures and compilers; parallel and distributed data management and analytics; cluster and cloud computing; distributed systems and algorithms; parallel and distributed programming, interfaces and languages; multicore and manycore parallelism; theory and algorithms for parallel computation and networking; parallel numerical methods and applications; and accelerator computing.

Handbook of Research on Modern Cryptographic Solutions for Computer and Cyber Security - Gupta, Brij 2016-05-16

Internet usage has become a facet of everyday life, especially as more technological advances have made it easier to connect to the web from virtually anywhere in the developed world. However, with this increased usage comes heightened threats to security within digital environments. The Handbook of Research on Modern Cryptographic Solutions for Computer and Cyber Security identifies emergent research and techniques being utilized in the field of cryptology and cyber threat prevention. Featuring theoretical perspectives, best practices, and future research directions, this handbook of research is a vital resource for professionals, researchers, faculty members, scientists, graduate students, scholars, and software developers interested in threat identification and prevention.

Proceedings of International Conference on Emerging Technologies and Intelligent Systems - Mostafa Al-Emran

This book sheds light on the emerging research trends in intelligent systems and their applications. It mainly focuses on three different themes, including software engineering, ICT in education, and management information systems. Each chapter contributes to the aforementioned themes by discussing the recent design, developments, and modifications of intelligent systems and their applications.

Search Engine Optimization and Marketing - Subhankar Das 2021-01-20

Search Engine Optimization and Marketing: A Recipe for Success in Digital Marketing analyzes the web traffic for online promotion that includes search engine optimization and search engine marketing. After careful analysis of the nuances of the semantic web, of search engine optimization (SEO), and its practical set up, readers can put their best foot forward for SEO setup, link-building for SERP establishment, various methods with requisite algorithms, and programming codes with process inferences. The book offers comprehensive coverage of essential topics, including: • The concept of SEM and SEO • The mechanism of crawler program concepts of keywords • Keyword generation tools • Page ranking mechanism and indexing • Concepts of title, meta, alt tags • Concepts of PPC/PPM/CTR • SEO/SEM strategies • Anchor text and setting up • Query-based search While other books are focused on the traditional explanation of digital marketing, theoretical features of SEO and SEM for keyword set up with link-building, this book focuses on the practical applications of the above-mentioned concepts for effective SERP generation. Another unique aspect of this book is its abundance of handy workarounds to set up the techniques for SEO, a topic too often neglected by other works in the field. This book is an invaluable resource for social media analytics researchers and digital marketing students.

Advances in Web-Based Learning -- ICWL 2013 - Jhing-Fa Wang 2013-09-08

This book constitutes the refereed proceedings of the 12th International Conference on Web-Based Learning, ICWL 2013, held in Kenting, Taiwan, in October 2013. The 34 revised full papers presented were carefully reviewed and selected from about 117 submissions. The papers are organized in topical sections on interactive learning environments, design, model and framework of e-learning systems, personalized and adaptive learning, Web 2.0 and social learning environments, intelligent tools for visual learning, semantic Web and ontologies for e-learning, and Web-based learning for languages learning.

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.

5G-Enabled Internet of Things - Yulei Wu 2019-05-29

How the enabling technologies in 5G as an integral or as a part can seamlessly fuel the IoT revolution is still very challenging. This book presents the state-of-the-art solutions to the theoretical and practical challenges stemming from the integration of 5G enabling technologies into IoTs in support of a smart 5G-enabled IoT paradigm, in terms of network design, operation, management, optimization, privacy and security, and applications. In particular, the technical focus covers a comprehensive understanding of 5G-enabled IoT architectures, converged access networks, privacy and security, and emerging applications of 5G-enabled IoT.

Computational Methods for Communication Science - Wouter van Atteveldt 2021-03-30

Computational Methods for Communication Science showcases the use of innovative computational methods in the study of communication. This book discusses the validity of using big data in communication science and showcases a number of new methods and applications in the fields of text and network analysis. Computational methods have the potential to greatly enhance the scientific study of communication because they allow us to move towards collaborative large-N studies of actual behavior

in its social context. This requires us to develop new skills and infrastructure and meet the challenges of open, valid, reliable, and ethical "big data" research. This volume brings together a number of leading scholars in this emerging field, contributing to the increasing development and adaptation of computational methods in communication science. The chapters in this book were originally published as a special issue of the journal *Communication Methods and Measures*.

Website Quality and Shopping Behavior - Tereza Semerádová 2020-04-03

This book analyses the impact of web design parameters on user experience and the behaviour of website users. Website design is considered one of the key parameters of a company's Internet presentation, affecting consumer attitudes and buying behaviour. The authors examine the concept of website quality based on the identification of patterns of user behaviour in the online environment, particularly focusing on the functional and aesthetic parameters of web design and causal relationships between them. Using website traffic analysis and best practices from professionals, they describe a methodical procedure for measuring the quality of web pages and developing optimised websites.

Network and System Security - Meikang Qiu 2015-11-23

This book constitutes the proceedings of the 9th International Conference on Network and System Security, NSS 2015, held in New York City, NY, USA, in November 2015. The 23 full papers and 18 short papers presented were carefully reviewed and selected from 110 submissions. The papers are organized in topical sections on wireless security and privacy; smartphone security; systems security; applications security; security management; applied cryptography; cryptosystems; cryptographic mechanisms; security mechanisms; mobile and cloud security; applications and network security.

Mobile Commerce: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2017-06-19

In the era of digital technology, business transactions and partnerships

across borders have become easier than ever. As part of this shift in the corporate sphere, managers, executives, and strategists across industries must acclimate themselves with the challenges and opportunities for conducting business. *Mobile Commerce: Concepts, Methodologies, Tools, and Applications* provides a comprehensive source of advanced academic examinations on the latest innovations and technologies for businesses. Including innovative studies on marketing, mobile commerce security, and wireless handheld devices, this multi-volume book is an ideal source for researchers, scholars, business executives, professionals, and graduate-level students.

Enabling the Internet of Things - Massimo Alioto 2017-01-23

This book offers the first comprehensive view on integrated circuit and system design for the Internet of Things (IoT), and in particular for the tiny nodes at its edge. The authors provide a fresh perspective on how the IoT will evolve based on recent and foreseeable trends in the semiconductor industry, highlighting the key challenges, as well as the opportunities for circuit and system innovation to address them. This book describes what the IoT really means from the design point of view, and how the constraints imposed by applications translate into integrated circuit requirements and design guidelines. Chapter contributions equally come from industry and academia. After providing a system perspective on IoT nodes, this book focuses on state-of-the-art design techniques for IoT applications, encompassing the fundamental sub-systems encountered in Systems on Chip for IoT: ultra-low power digital architectures and circuits low- and zero-leakage memories (including emerging technologies) circuits for hardware security and authentication System on Chip design methodologies on-chip power management and energy harvesting ultra-low power analog interfaces and analog-digital conversion short-range radios miniaturized battery technologies packaging and assembly of IoT integrated systems (on silicon and non-silicon substrates). As a common thread, all chapters conclude with a prospective view on the foreseeable evolution of the related technologies for IoT. The concepts developed throughout the book are exemplified by two IoT node system demonstrations from

industry. The unique balance between breadth and depth of this book: enables expert readers quickly to develop an understanding of the specific challenges and state-of-the-art solutions for IoT, as well as their evolution in the foreseeable future provides non-experts with a comprehensive introduction to integrated circuit design for IoT, and serves as an excellent starting point for further learning, thanks to the broad coverage of topics and selected references makes it very well suited for practicing engineers and scientists working in the hardware and chip design for IoT, and as textbook for senior undergraduate, graduate and postgraduate students (familiar with analog and digital circuits).

ECKM2015-16th European Conference on Knowledge

Management - Maurizio Massaro and Andrea Garlatti 2015-09-02

These proceedings represent the work of researchers presenting at the 16th European Conference on Knowledge Management (ECKM 2015). We are delighted to be hosting ECKM at the University of Udine, Italy on the 3-4 September 2015. The conference will be opened with a keynote from Dr Madelyn Blair from Pelerei Inc., USA on the topic "The Role of KM in Building Resilience". On the afternoon of the first day Dr Daniela Santarelli, from Lundbeck, Italy will deliver a second keynote speech. The second day will be opened by Dr John Dumay from Macquarie University, Sydney, Australia. ECKM is an established platform for academics concerned with current research and for those from the wider community involved in Knowledge Management to present their findings and ideas to peers from the KM and associated fields. ECKM is also a valuable opportunity for face to face interaction with colleagues from similar areas of interests. The conference has a well-established history of helping attendees advance their understanding of how people, organisations, regions and even countries generate and exploit knowledge to achieve a competitive advantage, and drive their innovations forward. The range of issues and mix of approaches followed will ensure an interesting two days. 260 abstracts were initially received for this conference. However, the academic rigor of ECKM means that, after the double blind peer review process there are 102 academic

papers, 15 PhD research papers, 1 Masters research papers and 7 Work in Progress papers published in these Conference Proceedings. These papers reflect the continuing interest and diversity in the field of Knowledge Management, and they represent truly global research from many different countries, including Algeria, Austria, Bosnia and Herzegovina, Brazil, Canada, Chile, Colombia, Cuba, Cyprus, Czech Republic, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Iran, Ireland, Italy, Japan, Jordan, Kenya, Lithuania, Mexico, Nigeria, Norway, Pakistan, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sultanate of Oman, Sweden, Switzerland, Thailand, The Netherlands, UK, United Arab Emirates, USA and Venezuela.

ICT Analysis and Applications - Simon Fong 2020-12-15

This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 5th International Conference on ICT for Sustainable Development (ICT4SD 2020), held in Goa, India, on 23-24 July 2020. The conference provided a valuable forum for cutting-edge research discussions among pioneering researchers, scientists, industrial engineers, and students from all around the world. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

Maximizing Business Performance and Efficiency Through Intelligent Systems - Rishi, Om Prakash 2017-02-22

Technology has vastly advanced over the years and created new developments and uses across various industries. By applying these new approaches in the business world, process management and organization can be significantly improved. Maximizing Business Performance and Efficiency Through Intelligent Systems is an essential reference publication for the latest research on methods to use artificial intelligence in organizational settings. Featuring coverage on a broad range of topics such as information retrieval, fuzzy systems, and neural networks, this book is ideally designed for students, professionals, and researchers seeking research on emerging advances in business

technology applications.

Securing the Internet of Things: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2019-09-06

The ubiquity of modern technologies has allowed for increased connectivity between people and devices across the globe. This connected infrastructure of networks creates numerous opportunities for applications and uses. As the applications of the internet of things continue to progress so do the security concerns for this technology. The study of threat prevention in the internet of things is necessary as security breaches in this field can ruin industries and lives. Securing the Internet of Things: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines recent developments and emerging trends in security and privacy for the internet of things through new models, practical solutions, and technological advancements related to security. Highlighting a range of topics such as cloud security, threat detection, and open source software, this multi-volume book is ideally designed for engineers, IT consultants, ICT procurement managers, network system integrators, infrastructure service providers, researchers, academics, and professionals interested in current research on security practices pertaining to the internet of things.

Cloud Computing, Smart Grid and Innovative Frontiers in Telecommunications - Xuyun Zhang 2020-05-22

This book constitutes the refereed proceedings of the 9th International Conference on Cloud Computing, CloudComp 2019, and the 4th International Conference on Smart Grid and Innovative Frontiers in Telecommunications, SmartGIFT 2019, both held in Beijing, China, in December 2019. The 55 full papers of both conferences were selected from 113 submissions. CloudComp 2019 presents recent advances and experiences in clouds, cloud computing and related ecosystems and business support. The papers are grouped thematically in tracks on cloud architecture and scheduling; cloud-based data analytics; cloud applications; and cloud security and privacy. SmartGIFT 2019 focus on all aspects of smart grids and telecommunications, broadly understood

as the renewable generation and distributed energy resources

integration, computational intelligence applications, information and communication technologies.