International Journal Of Computer Technology And Applications Impact Factor

Ubiquitous Computing: Design, Implementation and UsabilityHandbook of Research on Distributed Medical Informatics and E-HealthCloud Computing Technologies for Green EnterprisesSolutions and Innovations in Web-Based Technologies for Augmented Learning: Improved Platforms, Tools, and ApplicationsInternational Journal of Computer Science and SecurityTechnology Enhanced Learning: Quality of Teaching and Educational ReformInformation Systems and Computing TechnologyKnowledge and Information Technology Management: Human and Social PerspectivesEmerging Intelligent Computing Technology and ApplicationsGlobal Implications of Modern Enterprise Information Systems: Technologies and ApplicationsAuto-Identification and Ubiquitous Computing ApplicationsRecent Developments in Technology-Enhanced and Computer-Assisted Language LearningBest Practices for the Knowledge Society. Knowledge, Learning, Development and Technology for AllHandbook of Research on Ubiquitous Computing Technology for Real Time EnterprisesHarnessing the Power of Social Media and Web AnalyticsKnowledge Management, Organizational Memory and Transfer Behavior: Global Approaches and AdvancementsPervasive Cloud Computing Technologies: Future Outlooks and Interdisciplinary PerspectivesMinimally Invasive Surgical Procedures—Advances in Research and Application: 2013 EditionInternational Journal of Computer Systems Science & EngineeringWireless Sensor NetworksThe Handbook of the Psychology of Communication TechnologyInnovative Mobile Learning: Techniques and TechnologiesAdvances in Banking Technology and Management: Impacts of ICT and CRMHandbook of Research on Global Information Technology Management in the Digital EconomyEmbedded and Multimedia Computing Technology and ServiceHandbook of Research on Informatics in Healthcare and BiomedicineRoutledge International Handbook of Participatory DesignIntegrating Advanced Computer-Aided Design, Manufacturing, and Numerical Control: Principles and ImplementationsTechniques and Applications for Advanced Information Privacy and Security: Emerging Organizational, Ethical, and Human IssuesCustomer Knowledge Management: People, Processes, and TechnologySocial, Legal, and Ethical Implications of IoT, Cloud, and Edge Computing TechnologiesKnowledge Ecology in Global Business: Managing Intellectual CapitalOrganizational, Business, and Technological Aspects of the Knowledge SocietyInternational Journal of Technology Diffusion, Issue 3Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer ScienceImplementing Computational Intelligence Techniques for Security Systems DesignComputer Vision and Image Processing in Intelligent Systems and Multimedia TechnologiesInformation Technology Entrepreneurship and InnovationInternational Journal of Computer-Assisted Language Learning and Teaching, Vol 2 ISS 1Explorations of Language Teaching and Learning with Computational Assistance

Ubiquitous Computing: Design, Implementation and Usability

Recently, cryptology problems, such as designing good cryptographic systems and analyzing them, have been challenging researchers. Many algorithms that take

advantage of approaches based on computational intelligence techniques, such as genetic algorithms, genetic programming, and so on, have been proposed to solve these issues. Implementing Computational Intelligence Techniques for Security Systems Design is an essential research book that explores the application of computational intelligence and other advanced techniques in information security, which will contribute to a better understanding of the factors that influence successful security systems design. Featuring a range of topics such as encryption, self-healing systems, and cyber fraud, this book is ideal for security analysts, IT specialists, computer engineers, software developers, technologists, academicians, researchers, practitioners, and students.

Handbook of Research on Distributed Medical Informatics and E-Health

Success in an increasingly competitive market depends on the quality of knowledge which organisations apply to their major business processes. For example, a supply chain depends on knowledge of diverse areas, including raw materials, planning, manufacturing, and distribution. Likewise, product development requires knowledge of consumer requirements, new science, new technology, and marketing. Knowledge is broadly defined as credible information that is of potential value to an organisation. Knowledge management (KM) is a function of generation and dissemination of information, developing a shared understanding of information, filtering shared understandings into degrees of potential value, and storing valuable knowledge within the confines of an accessible organisational mechanism.

Cloud Computing Technologies for Green Enterprises

"This book reports on practical problems and underlying theory related to the use of primary RFID technologies"--Provided by publisher.

Solutions and Innovations in Web-Based Technologies for Augmented Learning: Improved Platforms, Tools, and Applications

"This book presents useful strategies, techniques, and tools for the successful design, development, and implementation of enterprise information systems"--Provided by publisher.

International Journal of Computer Science and Security

It is a great pleasure to share with you the Springer CCIS 112 proceedings of the Third World Summit on the Knowledge Society––WSKS 2010––that was organized by the International Scientific Council for the Knowledge Society, and supported by the Open Research Society, NGO, (http://www.open-knowledge-society.org) and the Int- national Journal of the Knowledge Society Research, (http://www.igi-global.com/ijksr), and took place in Aquis Corfu Holiday Palace Hotel, on Corfu island, Greece, September 22–24, 2010. The Third World Summit on the Knowledge Society (WSKS 2010) was an inter- tional scientific event devoted to

promoting the dialogue on the main aspects of the knowledge society towards a better world for all. The multidimensional economic and social crisis of the last couple years brings to the fore the need to discuss in depth new policies and strategies for a human-centric developmental process in the global c- text. This annual summit brings together key stakeholders of knowledge society dev- opment worldwide, from academia, industry, government, policy makers, and active citizens to look at the impact and prospects of it information technology, and the knowledge-based era it is creating, on key facets of living, working, learning, innovating, and collaborating in today's hyper-complex world.

Technology Enhanced Learning: Quality of Teaching and Educational Reform

Computer-based technologies can enhance language learning and help students embrace the complexities of an additional language. Due to rapid technological changes, innovative teaching approaches and strategies are necessary in order to successfully integrate new technologies within language teaching. Explorations of Language Teaching and Learning with Computational Assistance provides cutting-edge research which evaluates, improves, and applies effective pedagogy in the fields of computer-assisted language learning (CALL) and foreign language learning. It expands on the principles, theories, design, and implementation of computer-assisted language learning programs.

Information Systems and Computing Technology

Participatory design is about the direct involvement of people in the co-design of the technologies they use. Its central concern is how collaborative design processes can be driven by the participation of the people affected by the technology designed. Embracing a diverse collection of principles and practices aimed at making technologies, tools, environments, businesses, and social institutions more responsive to human needs, the International Handbook of Participatory Design is a state-of-the-art reference handbook for the subject. The Handbook brings together a multidisciplinary and international group of highly recognized and experienced experts to present an authoritative overview of the field and its history and discuss contributions and challenges of the pivotal issues in participatory design, including heritage, ethics, ethnography, methods, tools and techniques and community involvement. The book also highlights three large-scale case studies which show how participatory design has been used to bring about outstanding changes in different organizations. The book shows why participatory design is an important, highly relevant and rewarding area for research and practice. It will be an invaluable resource for students, researchers, scholars and professionals in participatory design.

Knowledge and Information Technology Management: Human and Social Perspectives

Emerging Intelligent Computing Technology and Applications

"This book covers a wide range of the most current research in the development of innovative web-based learning solutions, specifically facilitating and augmenting learning in diverse contemporary organizational settings"--Provided by publisher.

Global Implications of Modern Enterprise Information Systems: Technologies and Applications

Provides ideas on how intellectual capital through emerging technologies can support business performance. Covers topics such as competitive strategy, human resource management, and organizational learning.

Auto-Identification and Ubiquitous Computing Applications

The adoption of cloud and IoT technologies in both the industrial and academic communities has enabled the discovery of numerous applications and ignited countless new research opportunities. With numerous professional markets benefiting from these advancements, it is easy to forget the non-technical issues that accompany technologies like these. Despite the advantages that these systems bring, significant ethical questions and regulatory issues have become prominent areas of discussion. Social, Legal, and Ethical Implications of IoT, Cloud, and Edge Computing Technologies is a pivotal reference source that provides vital research on the non-technical repercussions of IoT technology adoption. While highlighting topics such as smart cities, environmental monitoring, and data privacy, this publication explores the regulatory and ethical risks that stem from computing technologies. This book is ideally designed for researchers, engineers, practitioners, students, academicians, developers, policymakers, scientists, and educators seeking current research on the sociological impact of cloud and IoT technologies.

Recent Developments in Technology-Enhanced and Computer-Assisted Language Learning

"This book includes the challenges and practical experience of the design of M-Learning environments, covering current developments in M-learning experiences in both academia and industry"--Provided by publisher.

Best Practices for the Knowledge Society. Knowledge, Learning, Development and Technology for All

The International Journal of Technology Diffusion (IJTD) is an international journal publishing original scientific and quality research articles on management information systems, technology diffusion, and business systems application aspects of e-commerce, e-government, and mobile applications. As a forum of multi-disciplinary and interdisciplinary dialogue, it addresses research on all aspects of innovation diffusion in the field of business computing technologies and their past, present, and future use.

Handbook of Research on Ubiquitous Computing Technology

for Real Time Enterprises

Harnessing the Power of Social Media and Web Analytics

It has become a widely-recognized fact that entrepreneurs and information technology have become the backbone of the world economy. The increasing penetration of IT in society and in most of industries/businesses, as well as the joining forces of entrepreneurship and innovation in the economy, reinforce the need for a leading and authoritative research handbook to disseminate leading edge findings about entrepreneurship and innovation in the context of IT from an international perspective. Information Technology Entrepreneurship and Innovation presents current studies on the nature, process and practice of entrepreneurship and innovation in the development, implementation, and application of information technology worldwide, as well as providing academics, entrepreneurs, managers, and practitioners with up-to-date, comprehensive, and rigorous research-based articles on the formation and implementation of effective strategies and business plans.

Knowledge Management, Organizational Memory and Transfer Behavior: Global Approaches and Advancements

"This book captures an in-depth knowledge base on the most current and useful concepts, applications, and processes relevant to the successful management of knowledge assets"--Provided by publisher.

Pervasive Cloud Computing Technologies: Future Outlooks and Interdisciplinary Perspectives

This book constitutes the refereed proceedings of the 8th International Conference on Intelligent Computing, ICIC 2012, held in Huangshan, China, in July 2012. The 242 revised full papers presented in the three volumes LNCS 7389, LNAI 7390, and CCIS 304 were carefully reviewed and selected from 753 submissions. The papers in this volume (CCIS 304) are organized in topical sections on Neural Networks; Particle Swarm Optimization and Niche Technology; Kernel Methods and Supporting Vector Machines; Biology Inspired Computing and Optimization; Knowledge Discovery and Data Mining; Intelligent Computing in Bioinformatics; Intelligent Computing in Pattern Recognition; Intelligent Computing in Image Processing; Intelligent Computing in Computer Vision; Intelligent Control and Automation; Knowledge Representation/Reasoning and Expert Systems; Advances in Information Security; Protein and Gene Bioinformatics; Soft Computing and Bio-Inspired Techiques in Real-World Applications; Bio-Inspired Computing and Applications.

Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition

The 7th International Conference on Embedded and Multimedia Computing (EMC-12), will be held in Gwangju, Korea on September 6 - 8, 2012. EMC-12 will be

the most comprehensive conference focused on the various aspects of advances in Embedded and Multimedia (EM) Computing. EMC-12 will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of EM. In addition, the conference will publish high quality papers which are closely related to the various theories and practical applications in EM. Furthermore, we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject. The EMC-12 is the next event, in a series of highly successful International Conference on Embedded and Multimedia Computing, previously held as EMC 2011 (China, Aug. 2011), EMC 2010 (Philippines, Aug. 2010), EM-Com 2009 (Korea, Dec. 2009), UMC-08 (Australia, Oct. 2008), ESO-08(China, Dec. 2008), UMS-08 (Korea, April, 2008), UMS-07(Singapore, Jan. 2007), ESO-07(Taiwan, Dec. 2007), ESO-06(Korea, Aug. 2006).

International Journal of Computer Systems Science & Engineering

Banking across the world has undergone extensive changes thanks to the profound influence of developments and trends in information communication technologies, business intelligence, and risk management strategies. While banking has become easier and more convenient for the consumer, the advances and intricacies of emerging technologies have made banking operations all the more cumbersome. Advances in Banking Technology and Management: Impacts of ICT and CRM examines the various myriads of technical and organizational elements that impact services management, business management, risk management, and customer relationship management, and offers research to aid the successful implementation of associated supportive technologies.

Wireless Sensor Networks

Includes the most important issues, concepts, trends and technologies in the field of global information technology management, covering topics such as the technical platform for global IS applications, information systems projects spanning cultures, managing information technology in corporations, and global information technology systems and socioeconomic development in developing countries.

The Handbook of the Psychology of Communication Technology

It is a great pleasure to share with you the Springer CCIS proceedings of the First International Conference on Reforming Education, Quality of Teaching and Technology-Enhanced Learning: Learning Technologies, Quality of Education, Educational Systems, Evaluation, Pedagogies––TECH-EDUCATION 2010, Which was a part of the World Summit on the Knowledge Society Conference Series. TECH-EDUCATION 2010 was a bold effort aiming to foster a debate on the global need in our times to invest in education. The topics of the conference dealt with six general pillars: Track 1. Quality of Education––A new Vision Track 2. Technology-Enhanced Learning––Learning Technologies––Personalization-E-learning Track 3. Educational Strategies Track 4. Collaborative/ Constructive/ Pedagogical/ Didactical Approaches Track 5. Formal/ Informal/ and Life–Long Learning Perspectives Track 6.

Contribution of Education to Sustainable Development Within this general context the Program Committee of the conference invited contributions that fall in to the following list of topics. Track 1: Quality of the Education––A new Vision • Teaching Methodologies and Case Studies • Reforms in Degrees • The European Educational Space • Academic Curricula Designs • Quality of Teaching and Learning • Quality and Academic Assessment • The School / University of the Future • Challenges for Higher Education in the 21st Century • New Managerial Models for Education • Financing the New Model for Education of the 21st Century • The Quality Milestones for Education of the 21st Century • Evaluation in Academia • The Role of Teachers • International Collaborations for Joint Programs/Degrees • Industry–Academia Synergies • Research Laboratories Management

Innovative Mobile Learning: Techniques and Technologies

"This book presents basic principles of geometric modelling while featuring contemporary industrial case studies"--Provided by publisher.

Advances in Banking Technology and Management: Impacts of ICT and CRM

Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about ZZZAdditional Research in a concise format. The editors have built Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about ZZZAdditional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Minimally Invasive Surgical Procedures—Advances in Research and Application: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Handbook of Research on Global Information Technology Management in the Digital Economy

It is a great pleasure to share with you the Springer LNCS proceedings of the Second World Summit on the Knowledge Society, WSKS 2009, organized by the Open - search Society, Ngo, http://www.open-knowledge-society.org, and held in Samaria Hotel, in the beautiful city of Chania in Crete, Greece, September 16–18, 2009. The 2nd World Summit on the Knowledge Society (WSKS 2009) was an inter-tional scientific event devoted to promoting dialogue on the main aspects of the knowledge society towards a better world for all. The multidimensional economic and social crisis of the last couple of years has brought to the fore the need to discuss in depth new policies and strategies for a human centric developmental processes in the global context. This annual summit brings together key

stakeholders involved in the worldwide development of the knowledge society, from academia, industry, and government, including policy makers and active citizens, to look at the impact and prospects of - formation technology, and the knowledge-based era it is creating, on key facets of l- ing, working, learning, innovating, and collaborating in today's hyper-complex world. The summit provides a distinct, unique forum for cross-disciplinary fertilization of research, favoring the dissemination of research on new scientific ideas relevant to - ternational research agendas such as the EU (FP7), OECD, or UNESCO. We focus on the key aspects of a new sustainable deal for a bold response to the multidimensional crisis of our times.

Embedded and Multimedia Computing Technology and Service

Provides original material concerned with all aspects of information resources management, managerial and organizational applications, as well as implications of information technology.

Handbook of Research on Informatics in Healthcare and Biomedicine

Information systems are complex, including data collecting, storing, processing and delivering. The main components of information systems are computer hardware and software, telecommunications, databases and data warehouses, human resources, and procedures. With the development of information systems, the innovation technologies and their applications continuously appear, such as the Internet of Things (IOT), cloud computing, big data and smart cities. Information Systems and Computing Technology contains 23 technical papers from the International Conference on Information Systems and Computing Technology (ISCT 2013, Wuxi, China, 15-16 September 2013). The book reviews recent advances in information systems and computing technology.

Routledge International Handbook of Participatory Design

Emerging developments in cloud computing have created novel opportunities and applications for businesses. These innovations not only have organizational benefits, but can be advantageous for green enterprises as well. Cloud Computing Technologies for Green Enterprises is a pivotal reference source for the latest scholarly research on the advancements, benefits, and challenges of cloud computing for green enterprise endeavors. Highlighting pertinent topics such as resource allocation, energy efficiency, and mobile computing, this book is a premier resource for academics, researchers, students, professionals, and managers interested in novel trends in cloud computing applications.

Integrating Advanced Computer-Aided Design, Manufacturing, and Numerical Control: Principles and Implementations

Interactive systems in the mobile, ubiquitous, and virtual environments are at a stage of development where designers and developers are keen to find out more about design, use and usability of these systems. Ubiquitous Computing: Design,

Implementation and Usability highlights the emergent usability theories, techniques, tools and best practices in these environments. This book shows that usable and useful systems are able to be achieved in ways that will improve usability to enhance user experiences. Research on the usability issues for young children, teenagers, adults, and the elderly is presented, with different techniques for the mobile, ubiquitous, and virtual environments.

Techniques and Applications for Advanced Information Privacy and Security: Emerging Organizational, Ethical, and Human Issues

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.

Customer Knowledge Management: People, Processes, and Technology

Provides coverage of specific topics and issues in healthcare, highlighting recent trends and describing the latest advances in the field.

Social, Legal, and Ethical Implications of IoT, Cloud, and Edge Computing Technologies

"This book combines the fundamental methods, algorithms, and concepts of pervasive computing with current innovations and solutions to emerging challenges. It systemically covers such topics as network and application scalability, wireless network connectivity, adaptability and "context-aware" computing, information technology security and liability, and human-computer interaction"--Provided by publisher.

Knowledge Ecology in Global Business: Managing Intellectual Capital

The Handbook of the Psychology of Communication Technology offers an unparalleled source for seminal and cutting-edge research on the psychological aspects of communicating with and via emergent media technologies, with leading scholars providing insights that advance our knowledge on human-technology interactions. • A uniquely focused review of extensive research on technology and digital media from a psychological perspective • Authoritative chapters by leading scholars studying psychological aspects of communication technologies • Covers

all forms of media from Smartphones to Robotics, from Social Media to Virtual Reality • Explores the psychology behind our use and abuse of modern communication technologies • New theories and empirical findings about ways in which our lives are transformed by digital media

Organizational, Business, and Technological Aspects of the Knowledge Society

Technology trends may come and go, but cloud computing technologies have been gaining consideration in the commercial world due to its ability to provide on-demand access to resources, control the software environment, and supplement existing systems. Pervasive Cloud Computing Technologies: Future Outlooks and Interdisciplinary Perspectives explores the latest innovations with cloud computing and the impact of these new models and technologies. This book will present case studies and research on the future of cloud computing technologies and its ability to increase connectivity of various entities of the world. It is an essential resource for technology practitioners, engineers, managers, and academics aiming to gain the knowledge of these novel and pervasive technologies.

International Journal of Technology Diffusion, Issue 3

Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science

The pace at which technology changes has created unique challenges in the integration of such technologies into language teaching and learning. Innovative pedagogies and strategies must be developed that adapt to these changes and accommodate future technological changes. Recent Developments in Technology-Enhanced and Computer-Assisted Language Learning is an essential research publication that focuses on technological influences on language education and applications of technology in language learning courses including foreign and second language learning. Featuring an array of topics such as artificial intelligence, teacher preparation, and distance learning, this book is ideal for teachers, language instructors, IT specialists, instructional designers, curriculum developers, researchers, education professionals, academicians, administrators, practitioners, and students.

Implementing Computational Intelligence Techniques for Security Systems Design

Describes and analyzes recent breakthroughs in healthcare and biomedicine providing comprehensive coverage and definitions of important issues, concepts, new trends and advanced technologies.

Computer Vision and Image Processing in Intelligent Systems and Multimedia Technologies

Social media has opened several new marketing channels to assist in business visibility as well as provide real-time customer feedback. With the emergence of new internet technologies, businesses are increasingly recognizing the value of social media and web presence in the promotion of their products and services. Harnessing the Power of Social Media and Web Analytics documents high-quality research to empower businesses to derive intelligence from social media sites. These emerging technological tools have allowed businesses to quantify, understand, and respond to customers' conversations about their corporate reputation and brands within online communities. This publication is ideal for academic and professional audiences interested in applications and practices of social media and web analytics in various industries.

Information Technology Entrepreneurship and Innovation

Wireless sensor networks (WSNs) utilize fast, cheap, and effective applications to imitate the human intelligence capability of sensing on a wider distributed scale. But acquiring data from the deployment area of a WSN is not always easy and multiple issues arise, including the limited resources of sensor devices run with one-time batteries. Additi

International Journal of Computer-Assisted Language Learning and Teaching, Vol 2 ISS 1

"This book introduces an integrated approach to analyzing and building customer knowledge management (CKM) synergy from distinctive core advantages found in key organizational elements"--Provided by publisher.

Explorations of Language Teaching and Learning with Computational Assistance

"This book provides a thorough understanding of issues and concerns in information technology security"--Provided by publisher.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION