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KEY=EMERGING - SARA MELENDEZ

EMERGING E-COLLABORATION CONCEPTS AND APPLICATIONS

IGI Global "*This book presents a state-of-the-art discussion of conceptual and applied e-collaboration issues. Business organizations increasingly rely on collaborative processes to maintain their competitiveness. E-collaboration technologies are at the source of something that underlies most business, political, and even societal developments - intense human collaboration*"--Provided by publisher.

E-COLLABORATION IN MODERN ORGANIZATIONS: INITIATING AND MANAGING DISTRIBUTED PROJECTS

INITIATING AND MANAGING DISTRIBUTED PROJECTS

IGI Global *E-Collaboration in Modern Organizations: Initiating and Managing Distributed Projects combines comprehensive research related to e-collaboration in modern organizations, emphasizing topics relevant to those involved in initiating and managing distributed projects. Providing authoritative content to scholars, researchers, and practitioners, this book specifically describes conceptual and theoretical issues that have implications for distributed project management, implications surrounding the use of e-collaborative environments for distributed projects, and emerging issues and debate related directly and indirectly to e-collaboration support for distributed project management.*

INTERDISCIPLINARY PERSPECTIVES ON E-COLLABORATION: EMERGING TRENDS AND APPLICATIONS

EMERGING TRENDS AND APPLICATIONS

IGI Global *"This book focuses on e-collaboration technologies that enable group-based interaction, and the impact that those technologies have on group work"--Provided by publisher.*

E-PLANNING AND COLLABORATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *As population growth accelerates, researchers and professionals face challenges as they attempt to plan for the future. E-planning is a significant component in addressing the key concerns as the world population moves towards urban environments. E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications contains a compendium of the latest academic material on the emerging interdisciplinary areas of e-planning and collaboration. Including innovative studies on data management, urban development, and crowdsourcing, this multi-volume book is an ideal source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in e-planning.*

E-COLLABORATION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *"This set addresses a range of e-collaboration topics through advanced research chapters authored by an international*

partnership of field experts"--Provided by publisher.

ADVANCING COLLABORATIVE KNOWLEDGE ENVIRONMENTS: NEW TRENDS IN E-COLLABORATION

NEW TRENDS IN E-COLLABORATION

IGI Global *"This book discusses the latest findings in knowledge-intensive, collaborative environments, focusing on frameworks and solutions for improving collaboration online"--Provided by publisher.*

CLINICAL TECHNOLOGIES: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

IGI Global *"This multi-volume book delves into the many applications of information technology ranging from digitizing patient records to high-performance computing, to medical imaging and diagnostic technologies, and much more"--*

SOFTWARE APPLICATIONS: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.*

ENTERPRISE RESOURCE PLANNING: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *The design, development, and use of suitable enterprise resource planning systems continue play a significant role in ever-evolving business needs and environments. Enterprise Resource Planning: Concepts, Methodologies, Tools, and Applications presents research on the progress of ERP systems and their impact on changing business needs and evolving technology. This collection of research highlights a simple framework for identifying the critical factors of ERP implementation and statistical analysis to adopt its various concepts. Useful for industry leaders, practitioners, and researchers in the field.*

REVOLUTIONIZING COLLABORATION THROUGH E-WORK, E-BUSINESS, AND E-SERVICE

Springer *Collaboration in highly distributed organizations of people, robots, and autonomous systems is and must be revolutionized by engineering augmentation. The aim is to augment humans' abilities at work and, through this augmentation, improve organizations' abilities to accomplish their missions. This book establishes the theoretical foundations and design principles of collaborative e-Work, e-Business and e-Service, their models and applications, design and implementation techniques. The fundamental premise is that without effective e-Work and e-Services, the potential of emerging activities, such as e-Commerce, virtual manufacturing, tele-robotic medicine, automated construction, smart energy grid, cyber-supported agriculture, and intelligent transportation cannot be fully materialized. Typically, workers and managers of such value networks are frustrated with complex information systems, originally designed and built to simplify and improve performance. Even if the human-computer interface for such systems is well designed, the information and task overloads can be overwhelming. Effective delivery of expected outcomes may not occur. Challenges and emerging solutions in the context of the recently developed CCT, Collaborative Control Theory, are described, with emphasis on issues of computer-supported and communication-enabled integration, coordination and augmented collaboration. Research results and analyses of engineering design methods and complex systems management techniques are explained and illustrated.*

CROSS-CULTURAL INTERACTION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *In a globalized society, individuals in business, government, and a variety of other fields must frequently communicate and work with individuals of different cultures and backgrounds. Effectively bridging the culture gap is critical to success in such scenarios. Cross-Cultural Interaction: Concepts, Methodologies, Tools, and Applications explores contemporary research and historical perspectives on intercultural competencies and transnational organizations. This three-volume compilation will present a compendium of knowledge on cultural diversity and the impact this has on modern interpersonal interactions. Within these pages, a variety of researchers, scholars, professionals, and leaders who interact regularly with the global society will find useful insight and fresh perspectives on the field of cross-cultural interaction.*

EMERGING SELF-DIRECTED LEARNING STRATEGIES IN THE DIGITAL AGE

IGI Global *Currently, society is becoming increasingly involved in self-directed learning for both intellectual and professional*

development. As such, it is imperative that both researchers and educational professionals update themselves on the current research on self-directed learning and how it has created a new culture of independence. Emerging Self-Directed Learning Strategies in the Digital Age is a key resource for the latest research on the role of self-directed learning and how it is impacting society, educational professionals, and researchers in their day-to-day work. Featuring broad coverage among a variety of relevant views and themes, such as project based learning (PBL), student goal setting, and self-efficacy theory, this book is ideally designed for educational professionals working in the fields of teacher pedagogy, theory, instructional technology, and adult education, as well as academics and upper-level students looking for innovative research on one-to-one programs and learning analytics.

ELECTRONIC COMMERCE: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *Compiles top research from the world's leading experts on many topics related to electronic commerce. Covers topics including mobile commerce, virtual enterprises, business-to-business applications, Web services, and enterprise methodologies.*

HANDBOOK OF RESEARCH ON SOCIAL INTERACTION TECHNOLOGIES AND COLLABORATION SOFTWARE: CONCEPTS AND TRENDS

CONCEPTS AND TRENDS

IGI Global *"This book explores the origin, structure, purpose, and function of socially interactive technologies known as social software"--Provided by publisher.*

ADAPTIVE HEALTH MANAGEMENT INFORMATION SYSTEMS: CONCEPTS, CASES, AND PRACTICAL APPLICATIONS

CONCEPTS, CASES, AND PRACTICAL APPLICATIONS

Jones & Bartlett Learning *Adaptive Health Management Information Systems, Fourth Edition is a thorough resource for a broad range of healthcare professionals–from informaticians, physicians and nurses, to pharmacists, public health and allied health professionals–who need to keep pace the digital transformation of health care. Wholly revised, updated, and expanded in scope, the fourth edition covers the latest developments in the field of health management information systems (HMIS) including big data analytics and machine learning in health care; precision medicine; digital health commercialization; supply chain management;*

informatics for pharmacy and public health; digital health leadership; cybersecurity; and social media analytics.

ENCYCLOPEDIA OF E-COLLABORATION

IGI Global "*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.*

PERVASIVE COLLABORATIVE NETWORKS

IFIP TC 5 WG 5.5 NINTH WORKING CONFERENCE ON VIRTUAL ENTERPRISES, SEPTEMBER 8-10, 2008, POZNAN, POLAND

Springer Science & Business Media *COLLABORATIVE NETWORKS Becoming a pervasive paradigm In recent years the area of collaborative networks is being consolidated as a new discipline (Camarinha-Matos, Afsarmanesh, 2005) that encompasses and gives more structured support to a large diversity of collaboration forms. In terms of applications, besides the "traditional" sectors represented by the advanced supply chains, virtual enterprises, virtual organizations, virtual teams, and their breading environments, new forms of collaborative structures are emerging in all sectors of the society. Examples can be found in e-government, intelligent transportation systems, collaborative virtual laboratories, agribusiness, elderly care, silver economy, etc. In some cases those developments tend to adopt a terminology that is specific of that domain; often the involved actors in a given domain are not fully aware of the developments in the mainstream research on collaborative networks. For instance, the grid community adopted the term "virtual organization" but focused mainly on the resource sharing perspective, ignoring most of the other aspects involved in collaboration. The European enterprise interoperability community, which was initially focused on the intra-enterprise aspects, is moving towards inter-enterprise collaboration. Collaborative networks are thus becoming a pervasive paradigm giving basis to new socio-organizational structures.*

NEW MEDIA AND COMMUNICATION ACROSS RELIGIONS AND CULTURES

IGI Global "*This book offers a unique opportunity in both the social sciences, humanities, and communication fields to provide concrete concepts and notions in the areas of inter-religious and inter-cultural dialogue*"--

SUPPLY CHAIN MANAGEMENT: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *In order to keep up with the constant changes in technology, business have adopted supply chain management to improve competitive strategies on a strategic and operational level. Supply Chain Management: Concepts, Methodologies, Tools, and Applications is a reference collection which highlights the major concepts and issues in the application and advancement of supply chain management. Including research from leading scholars, this resource will be useful for academics, students, and practitioners interested in the continuous study of supply chain management and its influences.*

VIRTUAL LEARNING ENVIRONMENTS: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

IGI Global *As the world rapidly moves online, sectors from management, industry, government, and education have broadly begun to virtualize the way people interact and learn. Virtual Learning Environments: Concepts, Methodologies, Tools and Applications is a three-volume compendium of the latest research, case studies, theories, and methodologies within the field of virtual learning environments. As networks get faster, cheaper, safer, and more reliable, their applications grow at a rate that makes it difficult for the typical practitioner to keep abreast. With a wide range of subjects, spanning from authors across the globe and with applications at different levels of education and higher learning, this reference guide serves academics and practitioners alike, indexed and categorized easily for study and application.*

EMERGING TECHNOLOGIES FOR SEMANTIC WORK ENVIRONMENTS: TECHNIQUES, METHODS, AND APPLICATIONS

TECHNIQUES, METHODS, AND APPLICATIONS

IGI Global *Today's work is characterized by a high degree of innovation and thus demands a thorough overview of relevant knowledge in the world and in organizations. Semantic Work Environments support the work of the user by collecting knowledge about needs and providing processed and improved knowledge to be integrated into work. Emerging Technologies for Semantic Work Environments: Techniques, Methods, and Applications describes an overview of the emerging field of Semantic Work Environments by*

combining various research studies and underlining the similarities between different processes, issues and approaches in order to provide the reader with techniques, methods, and applications of the study.

LEARNING AND COLLABORATION TECHNOLOGIES: NEW CHALLENGES AND LEARNING EXPERIENCES

8TH INTERNATIONAL CONFERENCE, LCT 2021, HELD AS PART OF THE 23RD HCI INTERNATIONAL CONFERENCE, HCII 2021, VIRTUAL EVENT, JULY 24–29, 2021, PROCEEDINGS, PART I

Springer Nature *This two-volume set LNCS 12784 and 12785 constitutes the refereed proceedings of the 8th International Conference on Learning and Collaboration Technologies, LCT 2021, held as Part of the 23rd International Conference, HCI International 2021, which took place in July 2021. Due to COVID-19 pandemic the conference was held virtually.The total of 1276 papers and 241 posters included in the 39 HCII 2021 proceedings volumes was carefully reviewed and selected from 5222 submissions. The papers of LCT 2021, Part I, are organized in topical sections named: Designing and Developing Learning Technologies; Learning, Teaching and Collaboration Experiences; On-line vs. in Class Learning in Pandemic Times.*

SPRINGER HANDBOOK OF AUTOMATION

Springer Science & Business Media *This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.*

EVALUATING THE IMPACT OF TECHNOLOGY ON LEARNING, TEACHING, AND DESIGNING CURRICULUM: EMERGING TRENDS

EMERGING TRENDS

IGI Global *"This book provides a forum for researchers and practitioners to discuss the current and potential impact of online learning and training and to formulate methodologies for the creation of effective learning systems"--Provided by publisher.*

HANDBOOK OF RESEARCH ON TECHNOLOGIES AND SYSTEMS FOR E-COLLABORATION DURING GLOBAL CRISES

IGI Global *Necessity is the mother of invention; challenging times can provide new opportunities that must be detected and exploited at the right moments. The COVID-19 pandemic has demonstrated that it is not only an issue of healthcare but also a challenge for the global economy, business, and society. Organizations have rapidly deployed technology solutions that enable them to work and service remotely and continue most of their normal operations. The Handbook of Research on Technologies and Systems for E-Collaboration During Global Crises focuses on emerging technologies and systems, strategies, and solutions for e-collaboration. This book assesses the importance of technologies and systems for e-collaboration in dealing with emerging crises such as pandemics. Covering topics such as deep learning processes, machine vision, and profit-sharing models, it is an essential resource for computer scientists, public officials, engineers, students and professors of higher education, healthcare administration, programmers, researchers, and academicians.*

COLLABORATIVE NETWORKS AND THEIR BREEDING ENVIRONMENTS

IFIP TC 5 WG 5.5 SIXTH IFIP WORKING CONFERENCE ON VIRTUAL ENTERPRISES, 26-28 SEPTEMBER 2005, VALENCIA, SPAIN

Springer *Progress in collaborative networks continues showing a growing number of manifestations and has led to the acceptance of Collaborative Networks (CN) as a new scientific discipline. Contributions to CN coming from multiple reference disciplines has been extensively investigated. In fact developments in CN have benefited from contributions of multiple areas, namely computer science, computer engineering, communications and networking, management, economy, social sciences, law and ethics, etc. Furthermore, some theories and paradigms defined elsewhere have been suggested by several research groups as promising tools to help define and characterize emerging collaborative organizational forms. Although still at the beginning of a long way to go, there is a growing awareness in the research and academic world, for the need to establish a stronger theoretical foundation for this new discipline and a number of recent works are contributing to this goal. From a utilitarian perspective, agility has been pointed out as one of the most appealing characteristics of collaborative networks to face the challenges of a fast changing socio-economic context. However, during the last years it became more evident that finding the right partners and establishing the necessary preconditions for starting an effective collaboration process are both costly and time consuming activities, and therefore an inhibitor of the aimed agility. Among others, obstacles include lack of information (e.g. non-availability of catalogs with normalized profiles of organizations) and lack of preparedness of organizations to join the collaborative process. Overcoming the mismatches resulting from the heterogeneity of*

potential partners (e.g. differences in infrastructures, corporate culture, methods of work, and business practices) requires considerable investment. Building trust, a pre-requisite for any effective collaboration, is not straight forward and requires time. Therefore the effective creation of truly dynamic collaborative networks requires a proper context in which potential members are prepared to rapidly get engaged in collaborative processes. The concept of breeding environment has thus emerged as an important facilitator for wider dissemination of collaborative networks and their practical materialization. The PRO-VE'05 held in Valencia, Spain, continues the 6th event in a series of successful working conferences on virtual enterprises. This book includes selected papers from that conference and should become a valuable tool to all of those interested in the advances and challenges of collaborative networks.

SOCIAL AND ORGANIZATIONAL DEVELOPMENTS THROUGH EMERGING E-GOVERNMENT APPLICATIONS: NEW PRINCIPLES AND CONCEPTS

NEW PRINCIPLES AND CONCEPTS

IGI Global *"This book offers reflective accounts of the key research themes that have emerged in the last few years as electronic government services have become commonplace in the world"--Provided by publisher.*

INFORMATION AND TECHNOLOGY LITERACY: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *People currently live in a digital age in which technology is now a ubiquitous part of society. It has become imperative to develop and maintain a comprehensive understanding of emerging innovations and technologies. Information and Technology Literacy: Concepts, Methodologies, Tools, and Applications is an authoritative reference source for the latest scholarly research on techniques, trends, and opportunities within the areas of digital literacy. Highlighting a wide range of topics and concepts such as social media, professional development, and educational applications, this multi-volume book is ideally designed for academics, technology developers, researchers, students, practitioners, and professionals interested in the importance of understanding technological innovations.*

WEB 2.0 TECHNOLOGIES AND DEMOCRATIC GOVERNANCE

POLITICAL, POLICY AND MANAGEMENT IMPLICATIONS

Springer Science & Business Media *Web 2.0 has become the buzz word for describing social media available on the Internet, such as blogs, photo and file sharing systems and social networking sites. These Web 2.0 applications are rapidly transforming citizen-citizen and citizen-government interactions in a manner not seen before. In recognition of these trends, governments are already taking a very close look at Web 2.0 and online communities in order to leverage them for designing products and services and for providing citizen services. This book brings together international scholars to provide the theoretical and practical contexts for understanding the nature of Web 2.0 technologies and their impact on political, public policy and management processes, and to explore how best Web 2.0 applications can be leveraged and aligned with the strategic goals of government organizations to add value and ensure effective governance. Drawing from experiences from countries around the globe, the book provides the theoretical context of the potential for Web 2.0 applications to transform government services, as well as practical examples of leading public sector institutions that have attempted to use Web 2.0 applications to enhance government operations, policy making and administration. There are three parts to the book, namely 1) Perspectives on Web 2.0 and Democratic Governance, 2) The Political, Policy and Management Impacts of Web 2.0 in Government, and 3) Leveraging Web 2.0 Applications for Effective Governance. This book differs from existing edited books on Web 2.0 technologies that focus primarily on politics and e-democracy because it examines the impact of the applications on politics, policy and public management. The book contributes toward the literature by filling the existing void and expanding knowledge in the field of public administration and policy, making it of interest to both academics and policy-makers.*

EMERGING SOLUTIONS FOR FUTURE MANUFACTURING SYSTEMS

IFIP TC 5 / WG 5.5. SIXTH IFIP INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY FOR BALANCED AUTOMATION SYSTEMS IN MANUFACTURING AND SERVICES, 27-29 SEPTEMBER 2004, VIENNA, AUSTRIA

Springer *Industries and particularly the manufacturing sector have been facing difficult challenges in a context of socio-economic turbulence characterized by complexity as well as the speed of change in causal interconnections in the socio-economic environment. In order to respond to these challenges companies are forced to seek new technological and organizational solutions. In this context two main characteristics emerge as key properties of a modern automation system – agility and distribution. Agility because systems need not only to be flexible in order to adjust to a number of a-priori defined scenarios, but rather must cope with unpredictability. Distribution in the sense that automation and business processes are becoming distributed and supported by collaborative networks.*

Emerging Solutions for Future Manufacturing Systems includes the papers selected for the BASYS'04 conference, which was held in Vienna, Austria in September 2004 and sponsored by the International Federation for Information Processing (IFIP).

HUMAN INTERACTION, EMERGING TECHNOLOGIES AND FUTURE APPLICATIONS IV

PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON HUMAN INTERACTION AND EMERGING TECHNOLOGIES: FUTURE APPLICATIONS (IHIET – AI 2021), APRIL 28-30, 2021, STRASBOURG, FRANCE

Springer Nature *This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, manufacturing, transportation, and education, among others. The human aspects are analyzed in detail. Innovative studies related to human-centered design, wearable technologies, augmented, virtual and mixed reality simulation, as well as developments and applications of machine learning and AI for different purposes, represent the core of the book. Emerging issues in business, security, and infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 4th International Conference on Human Interaction and Emerging Technologies: Future Applications, IHIET-AI 2021, held on April 28-30, 2021, in Strasbourg, France. It offers a timely survey and a practice-oriented reference guide to researchers and professionals dealing with design and/or management of the new generation of service systems.*

EMERGING ISSUES, CHALLENGES, AND OPPORTUNITIES IN URBAN E-PLANNING

IGI Global *Recent advances in information and communication technologies have enhanced the standards of metropolitan planning and development. These innovations have led to new opportunities in this evolving profession. Emerging Issues, Challenges, and Opportunities in Urban E-Planning brings together the efficiency of web-based tools and digital technologies with the practice of spatial planning. Focusing on the utilization of geographic information systems, computer-assisted design, visualization concepts, and database management systems, this book is a pivotal reference source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in urban planning.*

ENTERPRISE INFORMATION SYSTEMS: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

IGI Global *This three-volume collection, titled Enterprise Information Systems: Concepts, Methodologies, Tools and Applications, provides a complete assessment of the latest developments in enterprise information systems research, including development, design, and emerging methodologies. Experts in the field cover all aspects of enterprise resource planning (ERP), e-commerce, and organizational, social and technological implications of enterprise information systems.*

COLLABORATIVE NETWORKS IN THE INTERNET OF SERVICES

13TH IFIP WG 5.5 WORKING CONFERENCE ON VIRTUAL ENTERPRISES, PRO-VE 2012, BOURNEMOUTH, UK, OCTOBER 1-3, 2012, PROCEEDINGS

Springer *This book constitutes the refereed proceedings of the 13th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2012, held in Bournemouth, UK, in October 2012. The 61 revised papers presented were carefully selected from numerous submissions. They provide a comprehensive overview of identified challenges and recent advances in various collaborative network (CN) domains and their applications with a particular focus on the Internet of Services. The papers are organized in topical sections on service enhanced products; service composition; collaborative ecosystems; platform requirements; cloud-based support; colllaborative business frameworks; service design; e-governance; collaboration in traditional sectors; collaboration motivators; virtual organization breeding environments; collaboration spaces; designing collaborative networks; cost, benefits and performance; identification of patterns; co-innovation and competitiveness; collaborative behavior models; and risks, governance, trust.*

ASSISTIVE TECHNOLOGIES: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global *Individuals with disabilities often have difficulty accomplishing tasks, living independently, and utilizing information technologies; simple aspects of daily life taken for granted by non-disabled individuals. Assistive Technologies: Concepts, Methodologies, Tools, and Applications presents a comprehensive collection of research, developments, and knowledge on technologies that enable disabled individuals to function effectively and accomplish otherwise impossible tasks. These volumes serve as a crucial reference source for experts in fields as diverse as healthcare, information science, education, engineering, and human-computer interaction, with applications bridging multiple disciplines.*

THE PRACTICE OF SUPPLY CHAIN MANAGEMENT: WHERE THEORY AND APPLICATION CONVERGE

Springer Science & Business Media *For over a decade, there has been an increasing interest in the use of supply chain methods to improve performance across the entire business enterprise. Numerous industries have recognized the importance of efficient supply chain integration, and, as a result, supply chain management has become a standard part of business practice. The Practice of Supply Chain Management: Where Theory and Application Converge is a must-have volume for users of supply chain management methods, supply chain management researchers, and students in supply chain management. The objective of the book is to provide an overview of this important practice-research cycle, and it is organized into three sections: Core Concepts and Practices; Emerging Supply Chain Practices; and Supply Chain in Action. The focus of the book is on supply chain practice, but supply chain practice that has been heavily influenced by supply chain research. It is this synergy between research and practice that continues to simulate new directions for research.*

COLLABORATIVE KNOWLEDGE IN SCIENTIFIC RESEARCH NETWORKS

IGI Global *Research inherently requires collaborative efforts between individuals, databases, and institutions. However, the systems that enable such interpersonal cooperation must be properly suited in facilitating such efforts to avoid impeding productivity. Collaborative Knowledge in Scientific Research Networks addresses the various systems in place for collaborative e-research and how these practices serve to enhance the quality of research across disciplines. Covering new networks available through social media as well as traditional methods such as mailing lists and forums, this publication considers various scientific disciplines and their individual needs. Theorists of collaborative scientific work, technology developers, researchers, and funding agency officials will find this book valuable in exploring and understanding the process of scientific collaboration.*

INTERDISCIPLINARY COLLABORATION

AN EMERGING COGNITIVE SCIENCE

Psychology Press *Interdisciplinary Collaboration calls attention to a serious need to study the problems and processes of interdisciplinary inquiry, to reflect on the current state of scientific knowledge regarding interdisciplinary collaboration, and to encourage research that studies interdisciplinary cognition in relation to the ecological contexts in which it occurs. It contains reflections and research on interdisciplinarity found in a number of different contexts by practitioners and scientists from a number of disciplines and several chapters represent attempts by cognitive scientists to look critically at the cognitive science enterprise itself.*

*Representing all of the seven disciplines listed in the official logo of the Cognitive Science Society and its journal--anthropology, artificial intelligence, education, linguistics, neuroscience, philosophy, and psychology--this book is divided into three parts: *Part I sets the stage by providing three broad overviews of literature and theory on interdisciplinary research and education. *Part II examines varied forms of interdisciplinarity in situ rather than the more traditional macrolevel interview or survey approaches to studying group work. *Part III consists of noted cognitive scientists who reflect on their experiences and turn the analytical lenses of their own disciplines to the critical examination of cognitive science itself as a case study in interdisciplinary collaboration. Interdisciplinary Collaboration is intended for scholars at the graduate level and beyond in cognitive science and education.*

NETWORK AND TRAFFIC ENGINEERING IN EMERGING DISTRIBUTED COMPUTING APPLICATIONS

IGI Global "*This book focuses on network management and traffic engineering for Internet and distributed computing technologies, as well as present emerging technology trends and advanced platforms*"--Provided by publisher.

E-TRANSFORMATION: ENABLING NEW DEVELOPMENT STRATEGIES

Springer Science & Business Media *Could information and communication technology (ICT) become the transformative tool for a new style of global development? Could ICT promote knowledge-based, innovation-driven, and smart, adaptive, participatory development? As countries seek a way out of the present period of economic contraction, they are trying to weave ICT into their development strategies, in the same way organizations have learned to use ICT to transform their business models and strategies. This integration offers a new path to development that is responsive to the challenges of our times. In e-Transformation, Nagy Hanna identifies the key ingredients for the strategic integration of ICT into national development, with examples from around the world. He draws on his rich experience of over 35 years at the World Bank and other aid agencies to outline the strategic options involved in using ICT to maximize developmental impact—transforming public service institutions, networking businesses for innovation and competitiveness, and empowering communities for social inclusion and poverty reduction. He identifies the key interdependencies in e-transformation and offers a holistic framework to tap network effects and synergies across all elements of the process, including leadership, cyber policies, institutions, human resources, technological competencies, information infrastructure, and ICT uses for government, business, and society. Integrating analytical insights and practical applications across the fields of development, political economy, public administration, entrepreneurship, and technology management, the author candidly argues that e-transformation, like all bold ideas, faces implementation challenges. In particular, the aspiration-reality gap needs to be systematically addressed if ICT-enabled innovation and transformation is to become a development practice. E-transformation is first and foremost about thinking*

strategically and creatively about the options made possible by the information technology revolution in the context of globalization. To this end, the author provides tools and best practices designed to nurture innovation, select entry points, prioritize among competing demands, and sequence and scale up. He outlines the roles of all participants—political, managerial, entrepreneurial, social and technical—whose leadership is essential for successful innovation.