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### KEY=INTERNATIONAL - TAPIA DOYLE

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#### ADVANCES FOR IN-VEHICLE AND MOBILE SYSTEMS

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#### CHALLENGES FOR INTERNATIONAL STANDARDS

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Springer Science & Business Media This second volume on a popular topic brings together the works of scholars working on the latest techniques, standards, and emerging deployment on "living in the age of wireless communications and smart vehicular systems." The format of this work centers on four themes: driver and driving environment recognition, telecommunication applications, noise reduction, dialogue in vehicles. Will interest researchers and professionals working in signal processing technologies, next generation vehicle design and networks for mobile platforms.

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#### NEXT GENERATION MOBILE TELECOMMUNICATIONS NETWORKS

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#### CHALLENGES TO THE NORDIC ICT INDUSTRIES

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Emerald Group Publishing In international comparisons the Nordic countries tend to stand out as major producers and users of information and communication technology (ICT), especially in the field of mobile telecommunications. There is a common understanding the Nordic countries were particularly well-placed to enter the booming telecommunications industry of the 1980s due to a combination of advanced demand, institutional and societal set-ups that characterize these countries. But this e-book suggests that the technological and business setting of the Nordic mobile communications is undergoing fundamental changes with.

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#### HUD CHALLENGE

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#### ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS 2006: OTM 2006 WORKSHOPS

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#### OTM CONFEDERATED INTERNATIONAL CONFERENCES AND POSTERS, AWESOME, CAMS, COMINF, IS, KSINBIT, MIOS-CIAO, MONET, ONTOCONTENT, ORM, PERSYS, OTM ACADEMY DOCTORAL CONSORTIUM, RDDS, SWWS, SEBGIS 2006, MONTPELLIER, FRANCE, OCTOBER 29 - NOVEMBER 3, 2006, PROCEEDINGS, PART II

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Springer This two-volume set LNCS 4277/4278 constitutes the refereed proceedings of 14 international workshops held as part of OTM 2006 in Montpellier, France in October/November 2006. The 191 revised full papers presented were carefully reviewed and selected from a total of 493 submissions to the workshops. The first volume begins with 26 additional revised short or poster papers of the OTM 2006 main conferences.

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#### PROTECTING MOBILE MONEY AGAINST FINANCIAL CRIMES

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#### GLOBAL POLICY CHALLENGES AND SOLUTIONS

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World Bank Publications Mobile Money is a booming industry in an increasing number of countries worldwide. The project results from increased demand for guidance and technical assistance from governments after the 2008 publication of an exploratory paper, Integrity in Mobile Phone Financial Services, which discussed mobile money and the application of international anti-money laundering (AML) and combating the financing of terrorism (CFT) standards. For most, how to craft a regulatory regime that expands access to financial services to the poor through the development of mobile phone financial services, but compliant with AML/CFT standards remains elusive. Specific AML/CFT regulations related to mobile money have not been issued in many jurisdictions, mainly due to the lack of awareness of the risks these services can pose if the right controls are not in place. Because the international standards for AML/CFT, the Financial Action Task Force's 40 + 9 Recommendations were designed and issued well before mobile money technology and business models became prevalent, even developed countries have begun to face challenges with their regulation. The project team aims to provide practical guidance to jurisdictions and the industry on how to draft regulations and internal guidelines that allow them to comply with AML/CFT standards with enough flexibility for mobile money to thrive. Specifically, the paper (1) takes stock of new AML/CFT regulations and practices relevant to mobile money, (2) design guidelines for drafting AML/CFT regulations that cover mobile money and (3) propose examples of best practices for the industry to include AML/CFT in their own business model.

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#### THE ROUTLEDGE COMPANION TO INTERNATIONAL MANAGEMENT EDUCATION

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Routledge Crises and scandals in the world of international management have brought a new spotlight onto how the subject is taught, studied and understood. There has been a plethora of literature on international management, but a lack of focus on how international management education (IME) can be shaped to respond to existing and future global business challenges. The Routledge Companion to International Management Education gathers together contributors from academia, industry and university administration involved in IME, to: introduce the domain of IME; describe the emerging state in new geographical areas; discuss the major issues and debates revolving around IME; explore the linkage of technology and international management, and shed light on the future of IME. The diverse background of the contributors provides a global perspective that challenges the dominant Anglo-American view, with up-to-date specific insights originating from their indigenous view points, which has often been neglected and inadequately covered. The volume answers important questions, such as: Do we need a vision in IME? What is the current state of IME? How has IME grown in emerging market segments? What roles does technology play in its recent development? The volume provides thought-provoking reading for educators, administrators, policy makers, human resources professionals and researchers. It will also give future international management students a glimpse of IME from a global inside-out perspective.

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#### IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, 1991

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Institute of Electrical & Electronics Engineers (IEEE)

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## HUMAN-COMPUTER INTERACTION: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

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### CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

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IGI Global As modern technologies continue to develop and evolve, the ability of users to interface with new systems becomes a paramount concern. Research into new ways for humans to make use of advanced computers and other such technologies is necessary to fully realize the potential of 21st century tools. Human-Computer Interaction: Concepts, Methodologies, Tools, and Applications gathers research on user interfaces for advanced technologies and how these interfaces can facilitate new developments in the fields of robotics, assistive technologies, and computational intelligence. This four-volume reference contains cutting-edge research for computer scientists; faculty and students of robotics, digital science, and networked communications; and clinicians invested in assistive technologies. This seminal reference work includes chapters on topics pertaining to system usability, interactive design, mobile interfaces, virtual worlds, and more.

### THE GLOBAL LEADERSHIP CHALLENGE

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Routledge The economy is global, businesses are increasingly global, management has gone global and there is an increasing demand (and reward) for truly skilled global leaders, managers and executives. Black and Morrison address this change by asking why and when globalization truly began and explain how businesses can adapt themselves to remain competitive in increasingly global markets. Written by authoritative experts and based on extensive, up-to-date research and interviews with leading global leaders, The Global Leadership Challenge provides practical tools to develop global leadership skills, laying down the capabilities that must be developed and the plans that must be made to meet the globalization challenge. This will be truly vital reading for middle managers who have ambition for more senior positions, senior managers that are already bumping up against the challenges of global leadership, and top executives who are in the midst of the challenges of global leadership.

### ENCYCLOPEDIA OF E-HEALTH AND TELEMEDICINE

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IGI Global Patients and medical professionals alike are slowly growing into the digital advances that are revolutionizing the ways that medical records are maintained in addition to the delivery of healthcare services. As technology continues to advance, so do the applications of technological innovation within the healthcare sector. The Encyclopedia of E-Health and Telemedicine is an authoritative reference source featuring emerging technological developments and solutions within the field of medicine. Emphasizing critical research-based articles on digital trends, including big data, mobile applications, electronic records management, and data privacy, and how these trends are being applied within the healthcare sector, this encyclopedia is a critical addition to academic and medical libraries and meets the research needs of healthcare professionals, researchers, and medical students.

### M-HEALTH

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#### FUNDAMENTALS AND APPLICATIONS

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John Wiley & Sons Addresses recent advances from both the clinical and technological perspectives to provide a comprehensive presentation of m-Health This book introduces the concept of m-Health, first coined by Robert S. H. Istepanian in 2003. The evolution of m-Health since then—how it was transformed from an academic concept to a global healthcare technology phenomenon—is discussed. Afterwards the authors describe in detail the basics of the three enabling scientific technological elements of m-Health (sensors, computing, and communications), and how each of these key ingredients has evolved and matured over the last decade. The book concludes with detailed discussion of the future of m-Health and presents future directions to potentially shape and transform healthcare services in the coming decades. In addition, this book: Discusses the rapid evolution of m-Health in parallel with the maturing process of its enabling technologies, from bio-wearable sensors to the wireless and mobile communication technologies from IOT to 5G systems and beyond Includes clinical examples and current studies, particularly in acute and chronic disease management, to illustrate some of the relevant medical aspects and clinical applications of m-Health Describes current m-Health ecosystems and business models Covers successful applications and deployment examples of m-Health in various global health settings, particularly in developing countries

### THE TELECOMMUNICATIONS ILLUSTRATED DICTIONARY, SECOND EDITION

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CRC Press From fundamental physics concepts to the World Wide Web, the Telecommunications Illustrated Dictionary, Second Edition describes protocols, computer and telephone devices, basic security concepts, and Internet-related legislation, along with capsule biographies of the pioneering inventors who developed the technologies that changed our world. The new edition offers even more than the acclaimed and bestselling first edition, including: Thousands of new definitions and existing definitions updated and expanded Expanded coverage, from telegraph and radio technologies to modern wireline and mobile telephones, optical technologies, PDAs, and GPS-equipped devices More than 100 new charts and illustrations Expanded appendices with categorized RFC listings Categorized charts of ITU-T Series Recommendations that facilitate online lookups Hundreds of Web URLs and descriptions for major national and international standards and trade organizations Clear, comprehensive, and current, the Telecommunications Illustrated Dictionary, Second Edition is your key to understanding a rapidly evolving field that, perhaps more than any other, shapes the way we live.

### HANDBOOK OF INFORMATION SECURITY, KEY CONCEPTS, INFRASTRUCTURE, STANDARDS, AND PROTOCOLS

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John Wiley and Sons The Handbook of Information Security is a definitive 3-volume handbook that offers coverage of both established and cutting-edge theories and developments on information and computer security. The text contains 180 articles from over 200 leading experts, providing the benchmark resource for information security, network security, information privacy, and information warfare.

### ILLCIT TRADE MISUSE OF CONTAINERIZED MARITIME SHIPPING IN THE GLOBAL TRADE OF COUNTERFEITS

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OECD Publishing The report provides empirical evidence about the misuse of container ships in international trade in counterfeits. It also suggests the main routes of trade with containers polluted with illicit trade.

### CONFERENCE RECORD

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#### THE FEMINIST ECONOMICS OF TRADE

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Routledge Unravelling the complex relationship between gender inequality and trade, this is the first book to combine the tools of economic and gender analysis to examine the relationship between international trade and gender relations. It brings together fourteen contributions from a variety of economic perspectives, including structuralist, institutionalist, neoclassical and Post-Keynesian by a range of authors including Lourdes Benería, William Darity, Marzia Fontana and Mariama Williams to demonstrate what feminist economics has contributed to the analysis of international trade, through theoretical modelling, econometric analysis and policy-oriented contributions. It includes evidence from industrialized, semi-industrialized, and agrarian economies, using country case studies and cross-country analysis. Arguing that trade expansion and reduction of gender inequality can be combined, but only if an appropriate mix and sequence of trade and other economic policies is implemented, this book is key reading for all students of international economics, gender and cultural studies and politics and international relations, amongst other disciplines.

### ADVANCES IN VEHICULAR AD-HOC NETWORKS: DEVELOPMENTS AND CHALLENGES

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#### DEVELOPMENTS AND CHALLENGES

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IGI Global "This book tackles the prevalent research challenges that hinder a fully deployable vehicular network, presenting a unified treatment of the various aspects of VANETs and is essential for not only university professors, but also for researchers working in the

automobile industry"--Provided by publisher.

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#### **ECONOMICS AND SECURITY IMPLICATIONS OF CLOUD COMPUTING**

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Educreation Publishing To readers who could be merely surfing the pages to catch a quick glimpse as to what cloud computing is all about,to the more serious and corporate users,the book is expected to provide at least a humble modicum of nourishment to set them off on a journey that would no doubt help them achieve success to the cloud and beyond.The book focus on the technical aspects of cloud insofar as speeding up the process of grasping the concerned facts and the underlying economic benefits of cloud computing.

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#### **CHALLENGES, PERFORMANCES AND TENDENCIES IN ORGANISATION MANAGEMENT**

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World Scientific

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#### **SELF-ORGANIZATION IN SENSOR AND ACTOR NETWORKS**

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John Wiley & Sons Self-Organization in Sensor and Actor Networks explores self-organization mechanisms and methodologies concerning the efficient coordination between intercommunicating autonomous systems.Self-organization is often referred to as the multitude of algorithms and methods that organise the global behaviour of a system based on inter-system communication. Studies of self-organization in natural systems first took off in the 1960s. In technology, such approaches have become a hot research topic over the last 4-5 years with emphasis upon management and control in communication networks, and especially in resource-constrained sensor and actor networks. In the area of ad hoc networks new solutions have been discovered that imitate the properties of self-organization. Some algorithms for on-demand communication and coordination, including data-centric networking, are well-known examples. Key features include: Detailed treatment of self-organization, mobile sensor and actor networks, coordination between autonomous systems, and bio-inspired networking. Overview of the basic methodologies for self-organization, a comparison to central and hierarchical control, and classification of algorithms and techniques in sensor and actor networks. Explanation of medium access control, ad hoc routing, data-centric networking, synchronization, and task allocation issues. Introduction to swarm intelligence, artificial immune system, molecular information exchange. Numerous examples and application scenarios to illustrate the theory. Self-Organization in Sensor and Actor Networks will prove essential reading for students of computer science and related fields; researchers working in the area of massively distributed systems, sensor networks, self-organization, and bio-inspired networking will also find this reference useful.

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#### **PROCEEDINGS OF ALL INDIA SEMINAR ON ADVANCES IN PRODUCT DEVELOPMENT (APD-2006)**

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New Age International Papers presented at an All India Seminar on Advances in Product Development, 17-18 February 2006.

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#### **TENTH INTERNATIONAL WORKSHOP ON DATABASE AND EXPERT SYSTEMS APPLICATIONS**

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#### **SEPTEMBER 1-3, 1999, FLORENCE, ITALY : PROCEEDINGS**

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IEEE Proceedings of the September 1999 workshop on defining requirements for future systems in the areas of database and artificial technologies. The 151 contributions discuss innovative applications and new architectures; mobility in databases and distributed systems; similarity search; web-based inform"

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#### **NEXT GENERATION WIRELESS SYSTEMS AND NETWORKS**

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John Wiley & Sons Next Generation Wireless Systems and Networks offers an expert view of cutting edge Beyond 3rd Generation (B3G) wireless applications. This self-contained reference combines the basics of wireless communications, such as 3G wireless standards, spread spectrum and CDMA systems, with a more advanced level research-oriented approach to B3G communications, eliminating the need to refer to other material. This book will provide readers with the most up-to-date technological developments in wireless communication systems/networks and introduces the major 3G standards, such as W-CDMA, CDMA2000 and TD-SCDMA. It also includes a focus on cognitive radio technology and 3GPP E-UTRA technology; areas which have not been well covered elsewhere. Covers many hot topics in the area of next generation wireless from the authors' own research, including: Bluetooth, all-IP wireless networking, power-efficient and bandwidth-efficient air-link technologies, and multi-user signal processing in B3G wireless Clear, step-by-step progression throughout the book will provide the reader with a thorough grounding in the basic topics before moving on to more advanced material Addresses various important topics on wireless communication systems and networks that have emerged only very recently, such as Super-3G technology, 4G wireless, UWB, OFDMA and MIMO Includes a wealth of explanatory tables and illustrations This essential reference will prove invaluable to senior undergraduate and postgraduate students, academics and researchers. It will also be of interest to telecommunications engineers wishing to further their knowledge in this field.

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#### **SOFTWARE DESIGN AND DEVELOPMENT: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS**

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#### **CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS**

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IGI Global Innovative tools and techniques for the development and design of software systems are essential to the problem solving and planning of software solutions. Software Design and Development: Concepts, Methodologies, Tools, and Applications brings together the best practices of theory and implementation in the development of software systems. This reference source is essential for researchers, engineers, practitioners, and scholars seeking the latest knowledge on the techniques, applications, and methodologies for the design and development of software systems.

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#### **INDUSTRIAL INTERNET OF THINGS AND CYBER-PHYSICAL SYSTEMS: TRANSFORMING THE CONVENTIONAL TO DIGITAL**

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#### **TRANSFORMING THE CONVENTIONAL TO DIGITAL**

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IGI Global With the help of artificial intelligence, machine learning, and big data analytics, the internet of things (IoT) is creating partnerships within industry where machines, processes, and humans communicate with one another. As this radically changes traditional industrial operations, this results in the rapid design, cheap manufacture, and effective customization of products. Answering the growing demand of customers and their preferences has become a challenge for such partnerships. Industrial Internet of Things and Cyber-Physical Systems: Transforming the Conventional to Digital is a collection of innovative research that discusses development, implementation, and business impacts of IoT technologies on sustainable societal development and improved life quality. Highlighting a wide range of topics such as green technologies, wireless networks, and IoT policy, this book is ideally designed for technology developers, entrepreneurs, industrialists, programmers, engineers, technicians, researchers, academicians, and students.

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#### **CONTROL ENGINEERING AND INFORMATION SYSTEMS**

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#### **PROCEEDINGS OF THE 2014 INTERNATIONAL CONFERENCE ON CONTROL ENGINEERING AND INFORMATION SYSTEMS (ICCEIS 2014, YUEYANG, HUNAN, CHINA, 20-22 JUNE 2014).**

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CRC Press Control Engineering and Information Systems contains the papers presented at the 2014 International Conference on Control Engineering and Information Systems (ICCEIS 2014, Yueyang, Hunan, China, 20-22 June 2014). All major aspects of the theory and applications of control engineering and information systems are addressed, including: - Intelligent systems - Teaching cases - Pattern recognition - Industry application - Machine learning - Systems science and systems engineering - Data mining - Optimization -

Business process management - Evolution of public sector ICT - IS economics - IS security and privacy - Personal data markets - Wireless ad hoc and sensor networks - Database and system security - Application of spatial information system - Other related areas  
Control Engineering and Information Systems provides a valuable source of information for scholars, researchers and academics in control engineering and information systems.

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#### **GLOBAL IMPLICATIONS OF MODERN ENTERPRISE INFORMATION SYSTEMS: TECHNOLOGIES AND APPLICATIONS**

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#### **TECHNOLOGIES AND APPLICATIONS**

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

#### **HWM**

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Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

#### **EMBEDDED SYSTEMS HANDBOOK**

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CRC Press Embedded systems are nearly ubiquitous, and books on individual topics or components of embedded systems are equally abundant. Unfortunately, for those designers who thirst for knowledge of the big picture of embedded systems there is not a drop to drink. Until now. The Embedded Systems Handbook is an oasis of information, offering a mix of basic a

#### **BUILDING TELECOM MARKETS**

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#### **EVOLUTION OF GOVERNANCE IN THE KOREAN MOBILE TELECOMMUNICATION MARKET**

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Springer Science & Business Media The mobile telecommunication industry has been one of the fastest growing industries in the global economy since the late 1990s. As the first country to offer commercial Code Division Multiple Access (CDMA) cellular service in the world, Korea was able to jump right into the digital mobile markets, enhancing its status as a leading manufacturer of mobile equipment. While the growth of the telecom industry occurred with the emergence of worldwide market-oriented regulatory reform and liberalization in telecommunications, the state-market relationship in Korea evolved from state monopoly toward "centralized governance" and later toward "flexible governance," which is substantially different from "liberal governance" of the US. This book examines the uniqueness of Korean regulatory reforms of the mobile telecommunication sector, and argues that the market-oriented regulatory reform and liberalization should be explained by focusing on the interactions among the state, the private sector, and international political economic environment. It will appeal to scholars and policy-makers alike concerned with market regulation, Asian development and political economy.

#### **FUTURE AERONAUTICAL COMMUNICATIONS**

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BoD - Books on Demand There are well-founded concerns that current air transportation systems will not be able to cope with their expected growth. Current processes, procedures and technologies in aeronautical communications do not provide the flexibility needed to meet the growing demands. Aeronautical communications is seen as a major bottleneck stressing capacity limits in air transportation. Ongoing research projects are developing the fundamental methods, concepts and technologies for future aeronautical communications that are required to enable higher capacities in air transportation. The aim of this book is to edit the ensemble of newest contributions and research results in the field of future aeronautical communications. The book gives the readers the opportunity to deepen and broaden their knowledge of this field. Today's and tomorrow's problems / methods in the field of aeronautical communications are treated: current trends are identified; IPv6 aeronautical network aspect are covered; challenges for the satellite component are illustrated; AeroMACS and LDACS as future data links are investigated and visions for aeronautical communications are formulated.

#### **THE UNITED NATIONS SYSTEM**

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#### **A REFERENCE HANDBOOK**

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ABC-CLIO A reference guide to the United Nations.

#### **COMMERCE, JUSTICE, SCIENCE, AND RELATED AGENCIES APPROPRIATIONS FOR 2015**

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#### **HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, ONE HUNDRED THIRTEENTH CONGRESS, SECOND SESSION**

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#### **SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS**

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#### **DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS FOR 2009, PART 1B, 110-2 HEARINGS**

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#### **DESIGNING UBIQUITOUS INFORMATION ENVIRONMENTS: SOCIO-TECHNICAL ISSUES AND CHALLENGES**

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#### **IFIP TC8 WG 8.2 INTERNATIONAL WORKING CONFERENCE, AUGUST 1-3, 2005, CLEVELAND, OHIO, U.S.A.**

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Springer This book records one of the continuous attempts of the IFIP Working Group 8. 2, studying the interaction of information systems and the organization, to explore and understand the shifting boundaries and dependencies between organizational activities and their computer support. The book marks the result of the IFIP WG 8. 2 conference on "Designing Ubiquitous Information Environments: Socio-Technical Issues and Challenges. " Since its inception in the late 1970s, IFIP WG 8. 2 has sought to understand how computer-based information systems interact and must be designed as an integrated part of the organizational design. At that time, information systems handled repetitive and remote back-office functions and the main concern was work task design for repetitive input tasks and the potential impact of improved information support on organizational decision-making and structure. The focus of the information system design shifted in the 1980s when computers became part of the furniture and moved into the office. Reflecting this significant change, IFIP WG 8. 2 in 1989 organized a conference dedicated to the design and impact of desktop technology in order to examine how organizational processes and the locus of action changed when the computer was moved into the office. Sixteen years later, we are experiencing another significant change. Computers are now becoming part of our body and sensory system and will move out of the traditional office locations and into the wilderness. Again, IFIP WG 8.

#### **UNLICENSED MOBILE ACCESS TECHNOLOGY**

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#### **PROTOCOLS, ARCHITECTURES, SECURITY, STANDARDS AND APPLICATIONS**

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CRC Press The goal of Unlicensed Mobile Access (UMA) is to provide seamless access to GSM and GPRS mobile service networks via unlicensed spectrum technologies, including Bluetooth, WiMAX, and Wi-Fi. Expanding on the level of knowledge in this growing field, Unlicensed Mobile Access Technology: Protocols, Architectures, Security, Standards, and Applications presents the first complete cross-referenced resource exploring UMA and UMA-relevant technologies. When operating successfully, the technology supporting dual-

mode enabled mobile terminals allows subscribers to roam freely and seamlessly between cellular networks. However, various technical challenges still occasionally impede clear communication. This book explores the complex issue of mobility management and emphasizes the need for intelligently designed vertical and horizontal handoff algorithms that will improve adaptability in heterogeneous wireless environments. In addition, it reviews the various strategies to guarantee Quality-of-Service (QoS) during movement and handoff. The first chapters introduce the basic technology of these systems and discuss QoS, resource management, mobility management, and security issues in UMA technology. The middle section concentrates on protocols and security challenges in UMA-related technologies, which include Bluetooth, WirelessPAN, Wi-Fi (IEEE 802.11) and WiMAX (IEEE 802.16). The final chapters present standard specifications and various applications. Comprised of contributions from world-wide experts, this book is a complete reference, offering guidance on all aspects of the technical and practical issues in UMA technology.

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#### **CORPORATE AND GLOBAL STANDARDIZATION INITIATIVES IN CONTEMPORARY SOCIETY**

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IGI Global In fields as diverse as research and development, governance, and international trade, success depends on effective communication and processes. However, limited research exists on how professionals can utilize procedures and express themselves consistently across disciplines. Corporate and Global Standardization Initiatives in Contemporary Society is a critical scholarly resource that examines standardization in organizations. Featuring coverage on a broad range of topics, such as business standards, information technology standards, and mobile communications, this book is geared towards professionals, students, and researchers seeking current research on standardization for diverse settings and applications.

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#### **THE CHANGING FRONTIER**

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#### **RETHINKING SCIENCE AND INNOVATION POLICY**

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University of Chicago Press In 1945, Vannevar Bush, founder of Raytheon and one-time engineering dean at MIT, delivered a report to the president of the United States that argued for the importance of public support for science, and the importance of science for the future of the nation. The report, Science: The Endless Frontier, set America on a path toward strong and well-funded institutions of science, creating an intellectual architecture that still defines scientific endeavor today. In The Changing Frontier, Adam B. Jaffe and Benjamin Jones bring together a group of prominent scholars to consider the changes in science and innovation in the ensuing decades. The contributors take on such topics as changes in the organization of scientific research, the geography of innovation, modes of entrepreneurship, and the structure of research institutions and linkages between science and innovation. An important analysis of where science stands today, The Changing Frontier will be invaluable to practitioners and policy makers alike.

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#### **UNDERSTANDING NEW MEDIA**

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#### **AUGMENTED KNOWLEDGE & CULTURE**

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University of Calgary Press This book outlines the development currently underway in the technology of new media and looks further to examine the unforeseen effects of this phenomenon on our culture, our philosophies, and our spiritual outlook. The digital revolution is something fundamentally different from simply the introduction of yet another medium to our culture: it marks a paradigm shift in our relation to all media, to all our senses, all our expressions. The new media are transforming our definitions of culture and knowledge and transcending barriers in ways that will have lasting implications for generations to come.