

Information Technology Paper 2 2013

This volume presents a collection of peer-reviewed, scientific articles from the 15th International Conference on Information Technology – New Generations, held at Las Vegas. The collection addresses critical areas of Machine Learning, Networking and Wireless Communications, Cybersecurity, Data Mining, Software Engineering, High Performance Computing Architectures, Computer Vision, Health, Bioinformatics, and Education.

Complete proceedings of the 13th European Conference on Research Methodology for Business and Management Studies ECRM 2013 PRINT version
Published by Academic Conferences and Publishing International Limited.

This volume presents a pragmatic approach to understanding and capitalizing on contemporary m-commerce trend. It comprehensively encapsulates the evolution, emergent trends, hindrances and challenges, and customer perceptions about various facets of how physical and online retail channels are merging, blurring, and influencing each other in new ways. The rapid rise of m-commerce (or mobile commerce) has led to the emergence of new paradigms in the marketplace. The difference between physical and digital retail is diminishing, and a new “phygital retail” phenomenon is on the rise. Marketers need to

understand this emerging paradigm and consider the new opportunities and challenges involved. This volume, *M-Commerce: Experiencing the Phygital Retail*, provides a comprehensive discussion of the contemporary m-commerce concepts along with the emerging paradigms in a pragmatic way. It presents empirical analyses and reviews on the myriad aspects of m-commerce, including both contemporary academic and business research.

This book explores the ways in which the adoption of new paradigms, processes, and technologies can lead to greater revenue, cost efficiency and control, as well as improved business agility in the insurance industry.

Kozier and Erb's *Fundamentals of Nursing* prepares students for practice in a range of diverse clinical settings and help them understand what it means to be a competent professional nurse in the twenty-first century. This third Australian edition has once again undergone a rigorous review and writing process.

Contemporary changes in the regulation of nursing are reflected in the chapters and the third edition continues to focus on the three core philosophies: Person-centred care, critical thinking and clinical reasoning and cultural safety. Students will develop the knowledge, critical thinking and clinical reasoning skills to deliver care for their patients in ways that signify respect, acceptance, empathy, connectedness, cultural sensitivity and genuine concern.

This book considers the implications of the regulatory burden being borne increasingly by technological management rather than by rules of law. If crime is controlled, if human health and safety are secured, if the environment is protected, not by rules but by measures of technological management—designed into products, processes, places and so on—what should we make of this transformation? In an era of smart regulatory technologies, how should we understand the ‘regulatory environment’, and the ‘complexion’ of its regulatory signals? How does technological management sit with the Rule of Law and with the traditional ideals of legality, legal coherence, and respect for liberty, human rights and human dignity? What is the future for the rules of criminal law, torts and contract law—are they likely to be rendered redundant? How are human informational interests to be specified and protected? Can traditional rules of law survive not only the emergent use of technological management but also a risk management mentality that pervades the collective engagement with new technologies? Even if technological management is effective, is it acceptable? Are we ready for rule by technology? Undertaking a radical examination of the disruptive effects of technology on the law and the legal mind-set, Roger Brownsword calls for a triple act of re-imagination: first, re-imagining legal rules as one element of a larger regulatory environment of which technological

management is also a part; secondly, re-imagining the Rule of Law as a constraint on the arbitrary exercise of power (whether exercised through rules or through technological measures); and, thirdly, re-imagining the future of traditional rules of criminal law, tort law, and contract law.

This book constitutes the proceedings of the 12th IFIP TC 8 International Conference, CISIM 2013, held in Cracow, Poland, in September 2013. The 44 papers presented in this volume were carefully reviewed and selected from over 60 submissions. They are organized in topical sections on biometric and biomedical applications; pattern recognition and image processing; various aspects of computer security, networking, algorithms, and industrial applications. The book also contains full papers of a keynote speech and the invited talk. Cloud computing-accessing computing resources over the Internet-is rapidly changing the landscape of information technology. Its primary benefits compared to on-premise computing models are reduced costs and increased agility and scalability. Hence, cloud computing is receiving considerable interest among several stakeholders-businesses, the IT ind

China presents us with a conundrum. How has a developing country with a spectacularly inefficient financial system, coupled with asset-destroying state-owned firms, managed to create a number of vibrant high-tech firms? China's

domestic financial system fails most private firms by neglecting to give them sufficient support to pursue technological upgrading, even while smothering state-favoured firms by providing them with too much support. Due to their foreign financing, multinational corporations suffer from neither insufficient funds nor soft budget constraints, but they are insufficiently committed to China's development. Hybrid firms that combine ethnic Chinese management and foreign financing are the hidden dragons driving China's technological development. They avoid the maladies of China's domestic financial system while remaining committed to enhancing China's domestic technological capabilities. In sad contrast, China's domestic firms are technological paper tigers. State efforts to build local innovation clusters and create national champions have not managed to transform these firms into drivers of technological development. These findings upend fundamental debates about China's political economy. Rather than a choice between state capitalism and building domestic market institutions, China has fostered state capitalism even while tolerating the importing of foreign market institutions. While the book's findings suggest that China's state and domestic market institutions are ineffective, the hybrids promise an alternative way to avoid the middle-income trap. By documenting how variation in China's institutional terrain impacts technological development, the book also provides much needed

nance to widespread yet mutually irreconcilable claims that China is either an emerging innovation power or a technological backwater. Looking beyond China, hybrid-led development has implications for new alternative economic development models and new ways to conceptualize contemporary capitalism that go beyond current domestic institution-centric approaches.

eWork and eBusiness in Architecture, Engineering and Construction 2018 collects the papers presented at the 12th European Conference on Product and Process Modelling (ECPPM 2018, Copenhagen, 12-14 September 2018). The contributions cover complementary thematic areas that hold great promise towards the advancement of research and technological development in the modelling of complex engineering systems, encompassing a substantial number of high quality contributions on a large spectrum of topics pertaining to ICT deployment instances in AEC/FM, including:

- Information and Knowledge Management
- Construction Management
- Description Logics and Ontology Application in AEC
- Risk Management
- 5D/nD Modelling, Simulation and Augmented Reality
- Infrastructure Condition Assessment
- Standardization of Data Structures
- Regulatory and Legal Aspects
- Multi-Model and distributed Data Management
- System Identification
- Industrilized Production, Smart Products and Services
- Interoperability
- Smart Cities
- Sustainable Buildings

and Urban Environments • Collaboration and Teamwork • BIM Implementation and Deployment • Building Performance Simulation • Intelligent Catalogues and Services eWork and eBusiness in Architecture, Engineering and Construction 2018 represents a rich and comprehensive resource for academics and researchers working in the interdisciplinary areas of information technology applications in architecture, engineering and construction. In the last two decades, the biennial ECPPM (European Conference on Product and Process Modelling) conference series, as the oldest BIM conference, has provided a unique platform for the presentation and discussion of the most recent advances with regard to the ICT (Information and Communication Technology) applications in the AEC/FM (Architecture, Engineering, Construction and Facilities Management) domains.

A comprehensive assessment of how trade complementarities and agreements help facilitate trade in services between India and the European Union A first of its kind, it addresses policy initiatives on services trade between two economies that are actively engaged in trade agreements. It establishes that the Broad Based Trade and Investment Agreement (BTIA), if signed, will be India's first agreement with a major advanced regional bloc and a major trading partner, and the EU's first agreement with a large emerging market. It is, therefore, likely to

have a far-reaching impact on other large trading nations such as the United States and China. This book will be indispensable to scholars of international trade, international economics, macroeconomics, international relations as well as policy-makers, policy analysts and the informed general reader.

The Government and Copyright: The Government as Proprietor, Preserver and User of Copyright Material Under the Copyright Act 1968 focuses on the interplay between law, policy and practice in copyright law by investigating the rights of the government as the copyright owner, the preserver of copyright material and the user of other's copyright material under the Copyright Act 1968 (Cth). The first of two recurring themes in the book asks the question whether the needs and status of government should be different from private sector institutions, which also obtain copyright protection under the law. The second theme aims to identify the relationship between government copyright law and policy, national cultural policy and fundamental governance values. "As the first authoritative treatise on government copyright to be published in Australia, this book will be of immediate interest and relevance to Australian lawyers and policy makers, particularly in the light of ongoing efforts to ensure that the intellectual property system stimulates innovation and fosters trade and investment. Given that government copyright is recognised to some extent in most countries worldwide, this book is a valuable

contribution to the international literature on this topic, which remains sparse." From the Introduction by Dr Anne Fitzgerald and Prof. Brian Fitzgerald

This book offers an introduction to Information Technology with regard to peace, conflict, and security research, a topic that it approaches from natural science, technical and computer science perspectives. Following an initial review of the fundamental roles of IT in connection with peace, conflict and security, the contributing authors address the rise of cyber conflicts via information warfare, cyber espionage, cyber defence and Darknets. The book subsequently explores recent examples of cyber warfare, including:

- The Stuxnet attack on Iran's uranium refining capability
- The hacking of the German Federal Parliament's internal communication system
- The Wannacry malware campaign, which used software stolen from a US security agency to launch ransomware attacks worldwide

The book then introduces readers to the concept of cyber peace, including a discussion of confidence and security-building measures. A section on Cyber Arms Control draws comparisons to global efforts to control chemical warfare, to reduce the risk of nuclear war, and to prevent the militarization of space. Additional topics include the security of critical information infrastructures, and cultural violence and peace in social media. The book concludes with an outlook on the future role of IT in peace and security. Information Technology for

Peace and Security breaks new ground in a largely unexplored field of study, and offers a valuable asset for a broad readership including students, educators and working professionals in computer science, IT security, peace and conflict studies, and political science.

Based on the 2005 publication *The Financial Appraisal Profile Model*, this book discusses how the FAP model can present an integrated process for the appraisal of financial and strategic benefits and the assessment of risk in ICT (Information Communication Technology) project proposals.

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:

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

Implementing Effective IT Governance and IT Management Van Haren

Everything you need to know about information security programs and policies, in one book Clearly explains all facets of InfoSec program and policy planning, development, deployment, and management Thoroughly updated for today's challenges, laws, regulations, and best practices The perfect resource for anyone pursuing an information security management career ; In today's dangerous world, failures in information security can be catastrophic. Organizations must protect themselves. Protection begins with comprehensive, realistic policies. This up-to-date guide will help you create, deploy, and manage them. Complete and easy to understand, it explains key concepts and techniques through real-life examples. You'll master modern information security regulations and frameworks, and learn specific best-practice policies for key industry

sectors, including finance, healthcare, online commerce, and small business. ¿ If you understand basic information security, you're ready to succeed with this book. You'll find projects, questions, exercises, examples, links to valuable easy-to-adapt information security policies...everything you need to implement a successful information security program. ¿ Learn how to ·¿¿¿¿¿¿¿¿¿ Establish program objectives, elements, domains, and governance ·¿¿¿¿¿¿¿¿¿ Understand policies, standards, procedures, guidelines, and plans—and the differences among them ·¿¿¿¿¿¿¿¿¿ Write policies in “plain language,” with the right level of detail ·¿¿¿¿¿¿¿¿¿ Apply the Confidentiality, Integrity & Availability (CIA) security model ·¿¿¿¿¿¿¿¿¿ Use NIST resources and ISO/IEC 27000-series standards ·¿¿¿¿¿¿¿¿¿ Align security with business strategy ·¿¿¿¿¿¿¿¿¿ Define, inventory, and classify your information and systems ·¿¿¿¿¿¿¿¿¿ Systematically identify, prioritize, and manage InfoSec risks ·¿¿¿¿¿¿¿¿¿ Reduce “people-related” risks with role-based Security Education, Awareness, and Training (SETA) ·¿¿¿¿¿¿¿¿¿ Implement effective physical, environmental, communications, and operational security ·¿¿¿¿¿¿¿¿¿ Effectively manage access control ·¿¿¿¿¿¿¿¿¿ Secure the entire system development lifecycle ·¿¿¿¿¿¿¿¿¿ Respond to incidents and ensure continuity of operations ·¿¿¿¿¿¿¿¿¿ Comply with laws and regulations, including GLBA, HIPAA/HITECH, FISMA, state data security and notification rules, and PCI DSS ¿

Whenever a student decides to prepare for any examination, her/his first and foremost

curiosity is about the type of questions that he/she has to face. Keeping this in mind, we present before you this book containing date wise and shift wise all 10 years solved papers of NDA Paper - 2 with answer and solutions to majority of questions. Solutions to the questions are not just sketch rather have been written in such a manner that the students will be able to understand the application of concept and can answer some other related questions too. Salient features of the book are - Covers all 10 papers of NDA Paper - 2 Detailed Errorless Solutions for self-evaluation We firmly believe that the book in this form will definitely help a genuine, hardworking student for upcoming NDA Exam . We have tried our best to keep errors out of this book. Comment and criticism from readers will be highly appreciated and incorporated in the subsequent edition. We wish to utilize the opportunity to place on record our special thanks to all team members of Content Development for their efforts to make this wonderful book. Career Point Ltd. Continuous improvements in project portfolio management have allowed for optimized strategic planning and business process improvement. This not only leads to more streamlined processes, methods, and technologies, but it increases the overall productivity of companies. Project Portfolio Management Strategies for Effective Organizational Operations is a key resource on the latest advances and research regarding strategic initiatives for portfolio and program management. Highlighting multidisciplinary studies on value creation, portfolio governance and communication, and integrated circular models, this publication is an ideal reference source for

professionals, researchers, business managers, consultants, and university students in economics, management, and engineering.

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.

Today, the Internet has become a source of information that no country or company can forgo. It is not only used to communicate or entertain, but most importantly to operate utilities and public services such as banking or air traffic. As the reliance on computer networks across societies and economies keeps growing, so do security risks in cyberspace - referred to as "cybersecurity." Cybersecurity means protecting information and control systems from those who seek to compromise them. It also

involves actors, both malicious or protective, policies and their societal consequences. This collection of essays provides a better understanding of the risks, perceptions, and myths that surround cybersecurity by looking at it from three different levels of analysis: the sovereign state, the infrastructure and stakeholders of the Internet, and the individual. The essays explore such issues as information ownership, censorship, cyberwars, cyberterrorism, privacy, and rebellion, bringing together expert knowledge from computer science and the social sciences with case studies. It reviews existing policies and practices and discusses the threats and benefits of living in an increasingly networked world. This authoritative analysis of one of the most controversial and compelling security debates of the twenty-first century will appeal to scholars and practitioners interested in security, international relations and policymaking.

This book constitutes the refereed proceedings of the International Symposium on Security in Computing and Communications, SSCC 2015, held in Kochi, India, in August 2015. The 36 revised full papers presented together with 13 short papers were carefully reviewed and selected from 157 submissions. The papers are organized in topical sections on security in cloud computing; authentication and access control systems; cryptography and steganography; system and network security; application security.

Presenting the gradual evolution of the concept of Concurrent Engineering (CE), and the technical, social methods and tools that have been developed, including the many

theoretical and practical challenges that still exist, this book serves to summarize the achievements and current challenges of CE and will give readers a comprehensive picture of CE as researched and practiced in different regions of the world. Featuring in-depth analysis of complex real-life applications and experiences, this book demonstrates that Concurrent Engineering is used widely in many industries and that the same basic engineering principles can also be applied to new, emerging fields like sustainable mobility. Designed to serve as a valuable reference to industry experts, managers, students, researchers, and software developers, this book is intended to serve as both an introduction to development and as an analysis of the novel approaches and techniques of CE, as well as being a compact reference for more experienced readers.

One of the first of its kind, this book examines the digitalization of Chinese businesses both theoretically and practically. Taking a fresh and unique approach, the authors seek to adopt individual theories for each empirical case explored and investigate the dramatic digital transformation that Chinese firms have undergone in recent years. With a particular focus on social networks, the authors observe and analyze the way that digitized applications can interlink with financial systems, developing new capabilities that help to yield competitive advantage. Covering both small to medium sized enterprises (SMEs) and globally orientated multinational enterprises (MNEs), this book is a valuable resource for those researching Asian business, or international business

more generally, as well as innovation and technology management.

Collection of selected, peer reviewed papers from the 2014 International Conference on Vehicle & Mechanical Engineering and Information Technology (VMEIT 2014), February 19-20, 2014. The 1058 papers are grouped as follows: Chapter 1: Design and Researches in Area of Vehicle and General Mechanical Engineering, Chapter 2: Power and Electric Systems, Electronics and Microelectronics, Embedded and Integrated Systems, Chapter 3: Measurement and Instrumentation, Monitoring and Detection Technologies, Fault Diagnosis, Chapter 4: Mechatronics, Automation and Control, Chapter 5: Computation Methods and Algorithms for Modeling, Simulation and Optimization, Data Mining and Data Processing, Chapter 6: Communication, Signal and Image Processing, Data Acquisition, Identification and Recognition Technologies, Chapter 7: Information Technologies, WEB and Networks Engineering, Information Security, Software Application and Development, Chapter 8: Material Science, Technologies of Material Processing, Exploration and Mining of Mineral Resources, Chapter 9: Building Materials and Technologies in Construction, Chapter 10: New Technologies in Urban Construction and Environmental Engineering, Chapter 11: Modern Tendency in Area of Management Engineering, Logistics, Economics, Finance and Education, Chapter 12: Applied Research and Solutions in Area of Sports and Physical Training

This book is a revised edition of the best selling title Implementing IT Governance (ISBN 978 90 8753 119 5). For trainers free additional material of this book is available. This can be found under the "Training Material" tab. Log in with your trainer account to access the material. In all enterprises around the world, the issues, opportunities and challenges of aligning IT more closely with the organization and effectively governing an organization's IT investments,

resources, major initiatives and superior uninterrupted service is becoming a major concern of the Board and executive management. An integrated and comprehensive approach to the alignment, planning, execution and governance of IT and its resources has become critical to more effectively align, integrate, invest, measure, deploy, service and sustain the strategic and tactical direction and value proposition of IT in support of organizations. Much has been written and documented about the individual components of IT Governance such as strategic planning, demand management, program and project management, IT service management, strategic sourcing and outsourcing, performance management, metrics, compliance and others. Much less has been written about a comprehensive and integrated approach for IT/Business Alignment, Planning, Execution and Governance. This title fills that need in the marketplace and offers readers structured and practical solutions using the best of the best practices available today. The book is divided into two parts, which cover the three critical pillars necessary to develop, execute and sustain a robust and effective IT governance environment:- Leadership, people, organization and strategy,- IT governance, its major component processes and enabling technologies. Each of the chapters also covers one or more of the following action oriented topics: - the why and what of IT: strategic planning, portfolio investment management, decision authority, etc.; - the how of IT: Program/Project Management, IT Service Management (including ITIL); Strategic Sourcing and outsourcing; performance, risk and contingency management (including COBIT, the Balanced Scorecard etc.) and leadership, team management and professional competences.

Tobias Brandt outlines how information technology (IT) can be used to integrate sustainable energy technologies into existing infrastructures. The topic is approached from micro, meso, as

well as macro perspectives. He first describes how IT artifacts can be used to manage renewable energy sources and energy storage devices in individual households and microgrids for an improved economic and ecological performance. The author proceeds by assessing the economic feasibility of aggregating electric vehicles for large-scale energy storage. The final chapter explores the issue of stability in automated mechanisms. A game-theoretical model is first introduced for financial markets and later transferred to the automated management of energy demand.

In recent years, the use of information technologies, mobile devices, and social media, along with the evolving needs of students, professionals, and academics, has grown rapidly. New ways of bringing learning content to students, new learning environments, and new teaching practices are necessary to keep up with these changes. *Assessing the Role of Mobile Technologies and Distance Learning in Higher Education* provides a comprehensive understanding of m-learning processes by discussing challenges in higher education and the role of information technologies for effective learning. This reference book offers both real experiences and theoretical input for academicians, professionals, students, practitioners, policymakers, and managers.

This book contains a range of keynote papers and submitted papers presented at the 7th IFIP WG 9.2, 9.5, 9.6/11.7, 11.4, 11.6 International Summer School, held in Nijmegen, The Netherlands, in June 2013. The 13 revised full papers and 6 keynote papers included in this volume were carefully selected from a total of 30 presentations and 11 keynote talks and were subject to a two-step review process. The keynote papers cover the dramatic global changes, including legislative developments that society is facing today. Privacy and identity

management are explored in specific settings, such as the corporate context, civic society, and education and using particular technologies such as cloud computing. The regular papers examine the challenges to privacy, security and identity; ways of preserving privacy; identity and identity management and the particular challenges presented by social media.

Information Technology in Organisations and Societies: Multidisciplinary Perspectives from AI to Technostress consolidates studies on key issues and phenomena concerning the positive and negative aspects of IT use as well as prescribing future research avenues in related research.

The Texas Landscape Project explores conservation and ecology in Texas by presenting a highly visual and deeply researched view of the widespread changes that have affected the state as its population and economy have boomed and as Texans have worked ever harder to safeguard its bountiful but limited natural resources. Covering the entire state, from Pineywoods bottomlands and Panhandle playas to Hill Country springs and Big Bend canyons, the project examines a host of familiar and not so familiar environmental issues. A companion volume to The Texas Legacy Project, this book tracks specific environmental changes that have occurred in Texas using more than 300 color maps, expertly crafted by cartographer Jonathan Ogren, and over 100 photographs that coalesce to fashion a broad portrait of the modern Texas landscape. The rich data, compiled by author David Todd, are presented in clearly written yet marvelously detailed text that gives historical context and contemporary statistics for environmental trends connected to the land, water, air, energy, and built world of the second-largest and second-most populated state in the nation. An engaging read for any environmentalist or conscientious citizen, The Texas Landscape Project provides a true sense

of the grand scope of the Lone Star State and the high stakes of protecting it. To learn more about The Meadows Center for Water and the Environment, sponsors of this book's series, please [click here](#).

This book includes a selection of the best research papers presented at the annual conference of the Italian chapter of the Association for Information Systems (AIS), which took place in Verona, Italy in October 2016. Tracing various aspects of the ongoing phenomenon of evolution towards a global society, and consequently the ever-innovating digital world, it first discusses emerging technologies and the new practices in the information-systems world. It then examines the new businesses and ongoing business transformations. Lastly, it considers the economic and societal changes brought about by access to and exploitation of socio-technical networks. The plurality of views offered makes the book particularly relevant for users, companies, scientists and governments.

Since 2007, South Africa has been one of the world's upcoming Business Process Outsourcing (BPO) offshore destinations. This book is based on the authors' most recent research into high performance BPO globally and new research streams specifically on South Africa.

The human condition is affected by numerous factors in modern society. In modern times, technology is so integrated into culture that it has become necessary to perform even daily functions. Human Development and Interaction in the Age of Ubiquitous Technology is an authoritative reference source for the

latest scholarly research on the widespread integration of technological innovations around the globe and examines how human-computer interaction affects various aspects of people's lives. Featuring emergent research from theoretical perspectives and case studies, this book is ideally designed for professionals, students, practitioners, and academicians.

This book provides a comprehensive assessment of the innovation system of the Netherlands, focusing on the role of government and including concrete recommendations on how to improve policies that affect innovation and R&D performance.

2012 International Conference of Intelligence Computation and Evolutionary Computation (ICEC 2012) is held on July 7, 2012 in Wuhan, China. This conference is sponsored by Information Technology & Industrial Engineering Research Center. ICEC 2012 is a forum for presentation of new research results of intelligent computation and evolutionary computation. Cross-fertilization of intelligent computation, evolutionary computation, evolvable hardware and newly emerging technologies is strongly encouraged. The forum aims to bring together researchers, developers, and users from around the world in both industry and academia for sharing state-of-art results, for exploring new areas of research and development, and to discuss emerging issues facing intelligent computation and

evolutionary computation.

[Copyright: cf23da46f2312f681e6569d16fba195b](#)