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## **[/new/index Php/en/2020 11 19 10 10 13/ict \(PDF\)](#)**

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*ICEBE 2021* Darmawan Napitupulu 2022-04-20 ICEBE is “International Conference of Economics, Business & Entrepreneurship on Global Innovation and Trend in Economy”. The fourth ICEBE 2021 conference was held on October 7, 2021 as a joint collaboration from four distinguished universities in Indonesia, which are Universitas Lampung, Universitas Multimedia Nusantara, Universitas Bhayangkara Raya Jaya and Universitas Malahayati. This conference has brought researchers, scholars and practitioners who were passionate to share their thoughts and research findings on current business management, accounting and economics latest issues. The theme of ICEBE 2021 was “Reshaping Business Strategy Through Technological Innovation from Post Covid-19 Recovery”.

*ICT Analysis and Applications* Simon Fong 2020-02-03 This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 4th International Conference on ICT for Sustainable Development (ICT4SD 2019), held in Goa, India, on 5–6 July 2019. The conference provided a valuable forum for cutting-edge research discussions among pioneering researchers, scientists, industrial engineers, and students from all around the world. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

*Perspectives and Trends in Education and Technology* Anabela Mesquita 2021-11-17 This book presents high-quality, peer-reviewed papers from the International Conference in Information Technology & Education (ICITED 2021), to be held at the ESPM – Higher School of Advertising and Marketing, Sao Paulo, Brazil, between the 15th and the 17th of July 2021. The book covers a specific field of knowledge. This intends to cover not only two fields of knowledge – Education and Technology – but also the interaction among them and the impact/result in the job market and organizations. It covers the research and pedagogic component of Education and Information Technologies but also the connection with society, addressing the three pillars of higher education. The book addresses impact of pandemic on education and use of technology in education. Finally, it also encourages companies to present their professional cases which is discussed. These can constitute real examples of how companies are overcoming their challenges with the uncertainty of the market.

**Product Lifecycle Management for Digital Transformation of Industries**  
Ramy Harik 2017-03-15 This book constitutes the refereed proceedings of the 13th IFIP WG 5.1 International Conference on Product Lifecycle Management, PLM 2016, held in Columbia, SC, USA, in July 2016. The 57 revised full papers presented were carefully reviewed and selected

from 77 submissions. The papers are organized in the following topical sections: knowledge sharing, re-use and preservation; collaborative development architectures; interoperability and systems integration; lean product development and the role of PLM; PLM and innovation; PLM tools; cloud computing and PLM tools; traceability and performance; building information modeling; big data analytics and business intelligence; information lifecycle management; industry 4.0; metrics, standards and regulation; and product, service and systems.

Proceedings of the 7th International Conference on Social and Political Sciences (ICoSaPS 2022) Leni Winarni 2023-01-14 This is an open access book. This conference will discuss transformation issues in various fields along with the COVID-19 crisis in the world. During these two years of this pandemic, the world faced many significant changes. These changes have impacted various aspects of life, not only on a small scale in people's everyday life, but also on a large scale that changes the social structure of society in the global world. The keywords in this transformation are adaptation, resilience, and innovation. Each party involved in the change is required to make adjustments so as not to be left behind. The important aspect is to what extent these parties come up with new findings to survive amid the pace of this rapid global transformation. By focusing on transformation issues, this conference will bring scholars, practitioners and

policy makers from various disciplines to discuss changes in various fields of life during the COVID-19 pandemic and in the future. This conference is also expected to be a medium for disseminating research findings related to issues of change in various fields including but not limited to social, economic, cultural, educational, political and government, gender, environment, religion, communication, and international relations.

The Global Emerging Market Vladimir Kvint 2010-04-26 Despite the growing importance of the global emerging market (GEM) for the world's business, economies, and politics, it has received a relatively scant amount of academic attention in business and economics courses. This textbook is the first to focus on the GEM and its strategic and economic characteristics. The Global Emerging Market: Strategic Management and Economics describes the fundamental economic base and trends of the global marketplace (GMP) as well as business and management development for the conditions of emerging-market countries (EMCs). Focusing on the formation of a strategic mindset and the decision making process, it explains how to analyze the basic economic factors and the global order, especially in times of crisis. This text also explains how to classify countries related to this new market of tremendous opportunities. Furthermore, the book includes recommendations on how to develop entry and exit strategies for the GEM, work in it and create efficient

management systems. Features include: Extensive tables, charts, and graphs illustrating the strategic considerations of the GMP and the GEM End-of-chapter study questions Practical examples based on the author's involvement in the development of the GEM, from both sides of the international transactions This academic book is the ideal guide for current business leaders and students on how to make strategic, symmetric, and asymmetric time-sensitive decisions related to the GEM.

*Foreign Direct Investment in the Successor States of Yugoslavia* Joel I. Deichmann 2020-11-16 This edited volume offers a descriptive analysis of foreign direct investment (FDI) flows and cumulative stock, industrial composition, and important spatial trends for each successor state of former Yugoslavia: Bosnia & Herzegovina, Croatia, Kosovo, Montenegro, North Macedonia, Serbia, and Slovenia. The chapters are written by academic experts on the topic from each of these countries and are organised systematically in order to facilitate comparison between the states. The aim of this book is to advance scholarly knowledge about FDI in Southeastern Europe 25 years after the dissolution of Yugoslavia. Each chapter includes a summary of scholarly contributions published on the topic in English-language and local language journals, a discussion of origins, composition by industry, and location choice within the country from 1995-2018, using Dunning's (1980) eclectic paradigm as a discussion

framework. The chapters conclude with prospects for FDI over the next twenty-five years with emphasis on economic growth projections, EU integration, and other relevant country-specific considerations the local authors deem relevant. Special attention is given to specific companies operating in Yugoslavia prior to its breakup and how these firms have been impacted by dissolution, recession, efforts toward European Union membership. The authors also examine the past and potential impact of FDI from unforeseen events such as the Global Financial Crisis and COVID-19. This book appeals to scholars of geography, international business, economics, and economic history of the former Yugoslavia as well as professionals working in the region and on related topics elsewhere.

Balanced Automation Systems for Future Manufacturing Networks Ángel Ortiz Bas 2010-07-10 Manufacturing and operations management paradigms are evolving toward more open and resilient spaces where innovation is driven not only by ever-changing customer needs but also by agile and fast-reacting networked structures. Flexibility, adaptability and responsiveness are properties that the next generation of systems must have in order to successfully support such new emerging trends. Customers are being attracted to be involved in Co-innovation Networks, as - proved responsiveness and agility is expected from industry

ecosystems. Renewed production systems needs to be modeled, engineered and deployed in order to achieve cost-effective solutions. BASYS conferences have been developed and organized as a forum in which to share visions and research findings for innovative sustainable and knowledge-based products-services and manufacturing models. Thus, the focus of BASYS is to discuss how human actors, emergent technologies and even organizations are integrated in order to redefine the way in which the value-creation process must be conceived and realized. BASYS 2010, which was held in Valencia, Spain, proposed new approaches in automation where synergies between people, systems and organizations need to be fully exploited in order to create high added-value products and services. This book contains the selection of the papers which were accepted for presentation at the BASYS 2010 conference, covering consolidated and emerging topics of the conference scope.

**The Future Internet** Alex Galis 2013-04-22 Co-editors of the volume are: Federico Álvarez, Alessandro Bassi, Michele Bezzi, Laurent Ciavaglia, Frances Cleary, Petros Daras, Hermann De Meer, Panagiotis Demestichas, John Domingue, Theo G. Kanter, Stamatis Karnouskos, Srdjan Kr̂o, Laurent Lefevre, Jasper Lentjes, Man-Sze Li, Paul Malone, Antonio Manzalini, Volkmar Lotz, Henning Müller, Karsten Oberle, Noel E. O'Connor, Nick Papanikolaou, Dana Petcu, Rahim Rahmani, Danny Raz,

Gaël Richards, Elio Salvadori, Susana Sargento, Hans Schaffers, Joan Serrat, Burkhard Stiller, Antonio F. Skarmeta, Kurt Tutschku, Theodore Zahariadis The Internet is the most vital scientific, technical, economic and societal set of infrastructures in existence and in operation today serving 2.5 billion users. Continuing its developments would secure much of the upcoming innovation and prosperity and it would underpin the sustainable growth in economic values and volumes needed in the future. Future Internet infrastructures research is therefore a must. The Future Internet Assembly (FIA) is a successful conference that brings together participants of over 150 research projects from several distinct yet interrelated areas in the European Union Framework Programme 7 (FP7). The research projects are grouped as follows: the network of the future as infrastructure connecting and orchestrating the future Internet of people, computers, devices, content, clouds and things; cloud computing, Internet of Services and advanced software engineering; the public-private partnership projects on Future Internet; Future Internet Research and Experimentation (FIRE). The 26 full papers included in this volume were selected from 45 submissions. They are organized in topical sections named: software driven networks, virtualization, programmability and autonomic management; computing and networking clouds; internet of things; and enabling technologies and economic incentives.

**Engineering Applications of Neural Networks** Lazaros S. Iliadis 2013-09-25

The two volumes set, CCIS 383 and 384, constitutes the refereed proceedings of the 14th International Conference on Engineering Applications of Neural Networks, EANN 2013, held on Halkidiki, Greece, in September 2013. The 91 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers describe the applications of artificial neural networks and other soft computing approaches to various fields such as pattern recognition-predictors, soft computing applications, medical applications of AI, fuzzy inference, evolutionary algorithms, classification, learning and data mining, control techniques-aspects of AI evolution, image and video analysis, classification, pattern recognition, social media and community based governance, medical applications of AI-bioinformatics and learning.

Proceedings of the International Conference on Educational Management and Technology (ICEMT 2022) Bambang Budi Wiyono 2023-02-10

This is an open access book. The International Conference on Educational Technology and Management (ICEMT) is held to bring together academics, researchers, teachers, educational entrepreneurs, practitioners, and policy makers. They are responsible for implementing educational technology by leveraging resources through education management to create and enable ecosystem capabilities and access to education. The

Covid-19 pandemic teaches that aspects of information and communication technology in education management are full of limitations. Inevitably, educational users have moved dramatically to online channels. Students and teachers are accustomed to learning from home. There are opportunities, as well as challenges. Although the pandemic isn't over yet, future updates are needed.

From the Internet of Things to the Internet of Ideas: The Role of Artificial Intelligence Abdalmuttaleb M. A. Musleh Al-Sartawi 2022-11-18

This book shows latest research on the role Artificial intelligence in enabling IoT to evoke IoI, and how IoI flourish inside technologies like social media platforms, social networks: communities of practice/interest, to assure a globally sustainable unit where humans integrate with machines to collaboratively share ideas and solve complex problems. Such a book holds several benefits. It will reveal theoretical practical, and managerial implications through discussions that will embrace a wide array of technologies focused on the role of AI enabled IoT to evoke IoI. EAMMIS 2022 was organized by the Bridges Foundation in cooperation with Coventry University, UK on the 10th and 11th of June 2022. EAMMIS 2022 theme was From the Internet of Things to the Internet of Ideas: The role of Artificial Intelligence. The papers presented at the conference provide a holistic view of AI and its applications, IOT and the IOI which will

help societies to better use and benefit from AI, IOT and IOI to develop future strategies and actions.

Smart Objects and Technologies for Social Good Ombretta Gaggi

2017-07-14 This book constitutes the proceedings of the Second EAI international Conference on Smart Objects and Technologies for Social Good, GOODTECHS 2016, held in Venice, Italy, November 30 – December 1, 2016. The 38 revised full papers were carefully reviewed and selected from 73 submissions. The papers reflect the design, implementation, deployment, operation and evaluation of smart objects and technologies for social good. A social good can be understood as a service that benefits a large number of people in a most possible way. Some classic examples are healthcare, safety, environment, democracy, and human rights, or even art, entertainment, and communication.

*Status of digital agriculture in 47 sub-Saharan African countries* Food and Agriculture Organization of the United Nations 2022-01-07 Sub-Saharan Africa is uniquely positioned significantly increase its current agricultural productivity to lift the region's more than 400 million people out of extreme poverty and improve the livelihood of approximately 250 million smallholder farmers and pastoralists in the region. To achieve that, substantive digital transformation of the agriculture sector is required through improved infrastructure and increased access to and use of digital

technologies for agriculture. To improve the current understanding of sub-Saharan Africa's digital agriculture landscape, the Food and Agriculture Organization of the United Nations (FAO) and the International Telecommunication Union (ITU) undertook this study in 47 countries. The report is composed of 47 desk-based country case studies against six thematic focal areas, the aim of which is to present a snapshot of the status of digital agriculture in each country. This is followed by highlights of the main findings of the analysis of the country profiles with suggested steps for future action. The findings of the study are presented to FAO and ITU Member States, as well as all relevant stakeholders with the purpose of advancing and supporting investment in digital transformation of the agricultural sector in sub-Saharan Africa.

Information Technology - New Generations Shahram Latifi 2017-07-15

This volume presents a collection of peer-reviewed, scientific articles from the 14th International Conference on Information Technology – New Generations, held at the University of Nevada at Las Vegas on April 10–12, at Tuscany Suites Hotel in Las Vegas. The Book of Chapters addresses critical areas of information technology including web technology, communications, computing architectures, software engineering, security, and data mining.

ICT, Cities, and Reaching Positive Peace Ali Cheshmehzangi 2022-07-18



This book is the first attempt to explore the use and application of Information and Communication Technology (ICT) and related smart technologies in cities and for the sole purpose of reaching positive peace. The everyday usage of digital technologies in cities encourages us to study the benefits, co-benefits, disadvantages, and threats of ICT application in cities and urban environments. The continuous growth of digital technologies and their growing demand in everyday urban practices and systems are already known to scholars, practitioners, and policy-makers. However, this book explores whether or not such applications and usage help us reaching positive peace. This approach is novel in the field of urban studies, allowing us to identify and highlight best practices, successes, and failures of ICT application to meet positive peace pillars. The scope of the book highlights our focus on positive peace and its eight pillars, mainly how they are meant to be achieved in cities and urban areas. With an analytical view on the topic, we aim to reflect on the systematic features of urban systems, using positive peace pillars as the primary targets. We believe ICT application and usage in cities could be more directive and beneficial to reach peace and prosperity to achieve such a goal. Therefore, this book provides a holistic guideline and coverage of ICT use for positive peace pathways and peace-building practices. We hope the findings of the book help researchers and policy-

makers to come up with novel and integrated strategies, ensuring that our everyday usage of digital technologies, ICT, and smart tools, are more meaningful and people-oriented.

**Education, Research and Business Technologies** Cristian Ciurea

2023-01-01 This book includes high-quality research papers presented at 21st International Conference on Informatics in Economy (IE 2022), which is held in Bucharest, Romania, during May 2022. This book covers research results in business informatics and related computer science topics, such as IoT, mobile-embedded and multimedia solutions, e-society, enterprise and business solutions, databases and big data, artificial intelligence, data mining and machine learning, quantitative economics.

Autonomous Control for a Reliable Internet of Services Ivan Ganchev

2018-05-30 This open access book was prepared as a Final Publication of the COST Action IC1304 “Autonomous Control for a Reliable Internet of Services (ACROSS)”. The book contains 14 chapters and constitutes a show-case of the main outcome of the Action in line with its scientific goals. It will serve as a valuable reference for undergraduate and post-graduate students, educators, faculty members, researchers, engineers, and research strategists working in this field. The explosive growth of the Internet has fundamentally changed the global society. The emergence of concepts like SOA, SaaS, PaaS, IaaS, NaaS, and Cloud Computing in

general has catalyzed the migration from the information-oriented Internet into an Internet of Services (IoS). This has opened up virtually unbounded possibilities for the creation of new and innovative services that facilitate business processes and improve the quality of life. However, this also calls for new approaches to ensuring the quality and reliability of these services. The objective of this book is, by applying a systematic approach, to assess the state-of-the-art and consolidate the main research results achieved in this area.

**Digital Technologies and Institutions for Sustainable Development** Aleksei V. Bogoviz 2022-10-11 This book focuses on digital institutions and the advanced technologies used on their basis, as well as their contribution to sustainable development in the unity of seventeen SDGs formulated by the UN, which is sequentially disclosed in six parts of the book. This book is dedicated to comprehensive coverage of the role of the digital economy in sustainable development and the offering of a set of scientific, methodological, and practical recommendations to increase the scale and effectiveness of this role. The first part explores the training of digital personnel for sustainable development, the second part reveals the regional features of Russia, and the third part describes the industry specifics of using digital technologies in entrepreneurship in support of sustainable development. The fourth part deals with financial,

organizational, and managerial issues of using digital technologies in entrepreneurship in support of sustainable development, the fifth part is devoted to security, international factors, and risks, and the sixth part deals with the legal framework and state regulation of digital technologies and sustainable development institutions. The novelty of the book lies in its reliance on an institutional approach that allows rethinking and systematically studying the contribution of the digital economy to sustainable development. The book is aimed at scholars who will find in it an institutional understanding of the digital economy's support for sustainable development and ways to improve it. The secondary target audience of the book is the subject of managing the sustainable development of the digital economy. For them, the book contains relevant and illustrative examples from practice and applied recommendations.

**Digital Financial Inclusion and Regulation** Ogochukwu Monye 2022-10-20 This book explores the various considerations for achieving an effective regulatory strategy to improve financial access and usage in Nigeria and beyond. Gaps in the legal and institutional framework for digital financial services (DFS) as well as the barriers that contribute to financial exclusion are identified as are the policy changes needed to provide more extensive, accessible and sustainable financial inclusion value. In addition, the book covers divergent themes around the use of and insights for regulating

industry financial services providers and challenger entities that herald industry disruption. The book adopts three research methods. The doctrinal research method is used to buttress the law and development analysis and the themes around regulation, adoption and usage of financial services. To elucidate the application of financial innovations, comparative case studies are drawn from selected jurisdictions including Kenya, South Africa, Ghana, The Philippines, Brazil, Mexico, Uganda, Pakistan, India, and Bangladesh. Lastly, using the empirical research method, the author reports the burden experienced by the residents of a community without banks in accessing finance. Included in this discussion are the barriers to finance as well as the coping strategies adopted by the community residents to access formal and informal finance.

**Applied Technologies** Miguel Botto-Tobar 2020-03-02 This first volume of the three-volume set (CCIS 1193, CCIS 1194, and CCIS 1195) constitutes the refereed proceedings of the First International Conference on Applied Technologies, ICAT 2019, held in Quito, Ecuador, in December 2019. The 124 full papers were carefully reviewed and selected from 328 submissions. The papers are organized according to the following topics: technology trends; computing; intelligent systems; machine vision; security; communication; electronics; e-learning; e-government; e-participation.

The Digital Silk Road David Gordon 2022-11-29 Concerns about China's

ambitions to return to global centre stage as a great power have recently begun to focus on the Digital Silk Road (DSR), an umbrella term for various activities – commercial and diplomatic – of interest to the Chinese government in the cyber realm. Part of (or a spin-off from) the 2013 Belt and Road Initiative, by 2020 the DSR had become a focal point of China's foreign policy. But the DSR remains ill-defined and poorly understood. At the heart of such concerns is not that Chinese technology companies are becoming globally competitive, but rather that Beijing could use them to 'rewire' the global digital architecture, from physical cables to code. Dominance by Chinese technology could shift global norms from a free cyber commons to competing systems of cyber sovereignty or cyber freedom. This Adelphi book brings together eight experts to examine the development of the DSR, explore its impact on economics, security and governance in recipient countries, and assess the broader impact on patterns of economic and technological dependence, on the emerging rules and norms of tech globalisation, and on global geopolitics and great-power relations. Beijing has grasped the opportunity to leverage the entrepreneurial strengths of its private tech sector to gain prominence in the world's digital ecosystem. But the more interventionist Beijing becomes, the more Chinese firms will be seen as instruments of the state, and the greater the pushback against Chinese technology and the DSR

may be. To achieve great-power status and global centrality, Beijing might ultimately need to change tack. How it innovates in further rolling out Chinese tech across the world, and what the DSR will then look like, will have far-reaching impacts on global economics, politics and security.

**The African Film Industry** UNESCO 2021-10-01 The production and distribution of film and audiovisual works is one of the most dynamic growth sectors in the world. Thanks to digital technologies, production has been growing rapidly in Africa in recent years. For the first time, a complete mapping of the film and audiovisual industry in 54 States of the African continent is available, including quantitative and qualitative data and an analysis of their strengths and weaknesses at the continental and regional levels. The report proposes strategic recommendations for the development of the film and audiovisual sectors in Africa and invites policymakers, professional organizations, firms, filmmakers and artists to implement them in a concerted manner.

**ICT for an Inclusive World** Youcef Baghdadi 2020-01-30 This book discusses the impact of information and communication technologies (ICTs) on organizations and on society as a whole. Specifically, it examines how such technologies improve our life and work, making them more inclusive through smart enterprises. The book focuses on how actors understand Industry 4.0 as well as the potential of ICTs to support

organizational and societal activities, and how they adopt and adapt these technologies to achieve their goals. Gathering papers from various areas of organizational strategy, such as new business models, competitive strategies and knowledge management, the book covers a number of topics, including how innovative technologies improve the life of the individuals, organizations, and societies; how social media can drive fundamental business changes, as their innovative nature allows for interactive communication between customers and businesses; and how developing countries can use these technologies in an innovative way. It also explores the impact of organizations on society through sustainable development and social responsibility, and how ICTs use social media networks in the process of value co-creation, addressing these issues from both private and public sector perspectives and on national and international levels, mainly in the context of technology innovations.

**How Smart Is Your City?** Maria Isabel Aldinhas Ferreira 2020-10-20 This book focuses on the potential benefits that the so-called smart technologies have been bringing to the urban reality and to the management and governance of the city, simultaneously highlighting the necessity for its responsible and ethically guided deployment, respecting essential humanistic values. The urban ecosystem has been, in the last decades, the locus to where the most advanced forms of technological

innovation converge, creating intelligent management platforms meant to produce models of energy, water consumption, mobility/transportation, waste management and efficient cities. Due to the coincidence of the punctual overlap of its own genesis with the pandemics outbreak, the present book came to embody both the initial dream and desire of an intelligent city place of innovation, development and equity – a dream present in most of the chapters – and the fear not just of the pandemics per se, but of the consequences that this may have for the character of the intelligent city and for the nature of its relationship with its dwellers that, like a mother, it is supposed to nurture, shelter and protect.

Science and Innovations for Food Systems Transformation Joachim von Braun 2023-01-01 This Open Access book compiles the findings of the Scientific Group of the United Nations Food Systems Summit 2021 and its research partners. The Scientific Group was an independent group of 28 food systems scientists from all over the world with a mandate from the Deputy Secretary-General of the United Nations. The chapters provide science- and research-based, state-of-the-art, solution-oriented knowledge and evidence to inform the transformation of contemporary food systems in order to achieve more sustainable, equitable and resilient systems.

**Foundations and Practice of Security** Jean Luc Danger 2014-03-20 This book constitutes the carefully refereed post-proceedings of the 6th

Symposium on Foundations and Practice of Security, FPS 2013, held in La Rochelle, France, in October 2013. The 25 revised full papers presented together with a keynote address were carefully reviewed and selected from 65 submissions. The papers are organized in topical sections on security protocols, formal methods, physical security, attack classification and assessment, access control, cipher attacks, ad-hoc and sensor networks, resilience and intrusion detection.

**Building the Impact Economy** Maximilian Martin 2015-11-25 This book develops a comprehensive framework for creating sustainable new business approaches on a massive scale. It relates the power of entrepreneurship, investment and technology to four areas in which progress is urgently needed to get out of the world's current impasse. These are: game-changing innovations in companies; a way forward for the global fashion industry that reconciles competitiveness and worker dignity; turning around the energy crisis; and restoring capital markets to being the funders of human progress and prosperity that they once were—the pieces of the puzzle that is our future. Numerous case studies and actionable guidelines show how to concretely get the job done.

**ICT for Competitive Strategies** Durgesh Kumar Mishra 2020-05-05 Fourth International Conference on Information and Communication Technology for Competitive Strategies targets state-of-the-art as well as emerging

topics pertaining to information and communication technologies (ICTs) and effective strategies for its implementation for engineering and intelligent applications.

**Hong Kong Professional Services and the Belt and Road Initiative** Linda Chelan Li 2023-03-03 This book scrutinizes the role of Hong Kong in the expansive, and contested, vision of China's Belt and Road Initiative (BRI). In two main parts, it first discusses the defining features of the BRI and the evolving expectations of the role of Hong Kong in the BRI from the perspectives of policy makers and the professional sectors of accountancy-finance and the law. The second part contemplates the potential opportunities for Hong Kong from the perspectives of recipient countries-Sri Lanka, Vietnam, Cambodia and Myanmar. Utilizing an action research approach and engaging the views of a broad spectrum of actors, the authors observe the critical role of agency and innovations in a context of institutional contradictions, the impact of BRI governance structure for the deficits in international participation, gaps between grand state visions and commercial interests, and the salience of effective communication in navigating complex policy initiatives. Taking these together unpacks the complex processes shaping Hong Kong's participation and role in the BRI. This book will appeal to students and researchers interested in the BRI and Hong Kong, in the contexts of institutional contradictions, agency

innovations, and political dynamics, as well as sustainable development.

*New Perspectives in Software Engineering* Jezreel Mejia 2022-10-29 This book contains the proceedings of the CIMPS Conference held on October 19-21, 2022, Hipócrates University, Acapulco de Juárez, Guerrero, México, that is dedicated to Software Engineering, in particular, software processes improvement, computer security and communication technology, artificial intelligence and data analysis (big data) with a focus on innovation and/or entrepreneurship, bringing together the academic sectors, governmental and industrial that promote the comprehensive development of a culture of research, innovation and competitiveness of organizations dedicated to and/or that make use of Information and Communication Telecommunications. This book presents software engineering with impact in a combination of different fields: Organizational Models, Standards and Methodologies, Knowledge Management, Software Systems, Applications and Tools, Information and Communication Technologies, Information security, Artificial intelligence, Data Analysis. It is used in different domains in which a broad scope of audience is interested in: • Software engineers • Analyst • Project management • Consultant • Professors in academia • Students • Corporate heads of firms • Senior general managers • Managing directors • Board directors • Academics and researchers in the field both in universities and business schools • Information technology

directors and managers • Quality managers and directors • Libraries and information centres serving the needs of the above This book contents are also useful for Ph.D. students, master's and undergraduate students of IT-related degrees such as Computer Science, Information Systems.

#### **This Changes Everything – ICT and Climate Change: What Can We Do?**

David Kreps 2018-09-10 This book constitutes the refereed proceedings of the 13th IFIP TC 9 International Conference on Human Choice and Computers, HCC13 2018, held at the 24th IFIP World Computer Congress, WCC 2018, in Poznan, Poland, in September 2018. The 29 revised full papers presented were carefully reviewed and selected from 48 submissions. The papers are based on both academic research and the professional experience of information practitioners working in the field. They deal with multiple challenges society will be facing in the future and are organized in the following topical sections: history of computing: "this changed everything"; ICT4D and improvements of ICTs; ICTs and sustainability; gender; ethical and legal considerations; and philosophy.

#### Informatics in Schools. Engaging Learners in Computational Thinking Külli

Kori 2020-11-05 This book constitutes the proceedings of the 13th International Conference on Informatics in Schools: Situation, Evolution and Perspectives, ISSEP 2020, held in Tallinn, Estonia, in November 2020. Due to COVID-19 related travelling restrictions the conference had

to be switched to online format. The 18 revised full papers presented were carefully reviewed and selected from 53 submissions. They are organized in topical sections named: Tasks for Informatics Competitions; Engagement and Gender Issues in School Informatics; Informatics Teacher Education; Curriculum and Pedagogical Issues.

**ICOPE 2020** Ryzal Perdana 2021-03-24 We are delighted to introduce the Proceedings of the Second International Conference on Progressive Education (ICOPE) 2020 hosted by the Faculty of Teacher Training and Education, Universitas Lampung, Indonesia, in the heart of the city Bandar Lampung on 16 and 17 October 2020. Due to the COVID-19 pandemic, we took a model of an online organised event via Zoom. The theme of the 2nd ICOPE 2020 was “Exploring the New Era of Education”, with various related topics including Science Education, Technology and Learning Innovation, Social and Humanities Education, Education Management, Early Childhood Education, Primary Education, Teacher Professional Development, Curriculum and Instructions, Assessment and Evaluation, and Environmental Education. This conference has invited academics, researchers, teachers, practitioners, and students worldwide to participate and exchange ideas, experiences, and research findings in the field of education to make a better, more efficient, and impactful teaching and learning. This conference was attended by 190 participants and 160

presenters. Four keynote papers were delivered at the conference; the first two papers were delivered by Prof Emeritus Stephen D. Krashen from the University of Southern California, the USA and Prof Dr Bujang Rahman, M.Si. from Universitas Lampung, Indonesia. The second two papers were presented by Prof Dr Habil Andrea Bencsik from the University of Pannonia, Hungary and Dr Hisham bin Dzakiria from Universiti Utara Malaysia, Malaysia. In addition, a total of 160 papers were also presented by registered presenters in the parallel sessions of the conference. The conference represents the efforts of many individuals. Coordination with the steering chairs was essential for the success of the conference. We sincerely appreciate their constant support and guidance. We would also like to express our gratitude to the organising committee members for putting much effort into ensuring the success of the day-to-day operation of the conference and the reviewers for their hard work in reviewing submissions. We also thank the four invited keynote speakers for sharing their insights. Finally, the conference would not be possible without the excellent papers contributed by authors. We thank all authors for their contributions and participation in the 2nd ICOPE 2020. We strongly believe that the 2nd ICOPE 2020 has provided a good forum for academics, researchers, teachers, practitioners, and students to address all aspects of education-related issues in the current educational situation. We feel

honoured to serve the best recent scientific knowledge and development in education and hope that these proceedings will furnish scholars from all over the world with an excellent reference book. We also expect that the future ICOPE conference will be more successful and stimulating. Finally, it was with great pleasure that we had the opportunity to host such a conference.

Proceedings of the Unima International Conference on Social Sciences and Humanities (UNICSSH 2022) Recky Harold Elby Sendouw 2023-01-24

This is an open access book. The Unima International Conference on Social Sciences and Humanity (UNICSSH) 2022 was conducted on October, 11th – 13th 2022, at The Grand Kawanua International City, Manado, North Sulawesi, Indonesia. In 2022, Universitas Negeri Manado will host the Indonesian National Education Convention (KONASPI) X. Konaspi is a routine activity of the PPTKN which is held once every four years. The fourth industrial revolution (4.0) is marked by technological advances and supported by artificial intelligence that creates opportunities and challenges for the education system. University and vocational school graduates are facing a world transformed by technology which in turn is transforming the workplace from task-based to human-centered characteristics. Certain skills such as critical thinking, emotional intelligence, problem-solving, cognitive flexibility, and knowledge production



are required. To answer this demand, the education system must put revolutionary innovation on its agenda. Scholars, researchers, and practitioners are invited to share ideas, research results, and best practices about education, science, and technology now and in the future at an international conference held by Universitas Negeri Manado as part of the Indonesian National Education Convention (KONASPI). As part of KONASPI X activities, Universitas Negeri Manado is holding the 2022 International Conference on Education, Social Science, and Humanities (ICESSHum). The topics in this international conference are Education, Law, Politics and Social Sciences, Economics, Public Administration, and Humanities. Through these themes, it is expected to involve many professionals who have indirect roles in related fields. To enrich this event, the committee invites all national and international participants (including academics, researchers, professionals, and other relevant stakeholders) to send research papers or review papers to be presented at the conference.

*The Green Book* Great Britain. Treasury 2003 This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been

aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

*ICoSMI 2020* Eko Ruddy Cahyadi This book is the proceeding of the International Conference on Sustainable Management and Innovation (ICoSMI 2020) that was successfully held on 14-16 September 2020 using an online platform. The conference was mainly organized by the Department of Management IPB University in collaboration with Leibniz University of Hannover, Universiti Putera Malaysia, Kasetsart University, Tun Hussein Onn University of Malaysia, Tamil Nadu Teachers Education University, Deakin University, University of Adelaide, Forum Manajemen Indonesia, FE Pakuan University, FE Gajah Mada University FEB University of North Sumatra and FEB Andalas University, SBM Bandung Institute of Technology, FEB Lampung University, Perbanas Institute Jakarta, FE Bina Nusantara University, and SBE Prasetya Mulya University. This conference has brought academic researchers, business practitioners as well as graduate students together to exchange their experiences and research results about most aspects of innovation and sustainability, and discuss the practical challenges encountered and the solutions adopted. About 402 delegates across the world including Indonesia, Malaysia, Thailand, Spain, China, and India have attended and presented their research works in the conference. The proceeding consists

of 80 high-quality papers that were selected from more than 250 submitted papers. The papers are classified into 12 themes, namely Finance for Sustainability, Industry 4.0 and Future Business Sustainability, Policy and Strategy for Sustainable Innovation and Supply Chain, Smart Agriculture Management for Environmental Sustainability, and Sustainable Human Resources. Finally, we would like to express the greatest thanks to all colleagues in the steering and organizing committee for their cooperation in administering and arranging the conference as well as reviewers for their academic works and commitment to reviewing papers.

**Proceedings of the 6th International Conference on Big Data and Internet of Things** Mohamed Lazaar 2023-03-28 This book is a collection of papers that were presented at the 6th International Conference on Big Data Cloud and Internet of Things, BDIoT 2022. The conference took place on October 25-27, 2022, Tangier, Morocco. The book consisted of 49 chapters, which correspond to the four major areas that are covered during the conference, namely Big Data & Cloud Computing, Cybersecurity, Machine Learning, Deep Learning, E-Learning, Internet of Things, Information System and Natural Language Processing. Every year BDIoT attracted researchers from all over the world, and this year was not an exception – the authors received 98 submissions from 7 countries. More importantly, there were participants from many countries, which

indicates that the conference is truly gaining more and more international recognition as it brought together a vast number of specialists who represented the aforementioned fields and share information about their newest projects. Since the authors strived to make the conference presentations and proceedings of the highest quality possible, the authors only accepted papers that presented the results of various investigations directed to the discovery of new scientific knowledge in the area of Big Data, IoT and their applications. All the papers were reviewed and selected by the Program Committee, which comprised 96 reviewers from over 58 academic institutions. As usual, each submission was reviewed following a double process by at least two reviewers. When necessary, some of the papers were reviewed by three or four reviewers. Authors' deepest thanks and appreciation go to all the reviewers for devoting their precious time to produce truly through reviews and feedback to the authors.

*ICT Policy, Research, and Innovation* Svetlana Klessova 2020-12-10 A comprehensive discussion of the findings of the PICASSO initiative on ICT policy ICT Policy, Research, and Innovation: Perspectives and Prospects for EU-US Collaboration provides a clearly readable overview of selected information and communication technology (ICT) and policy topics. Rather than deluge the reader with technical details, the distinguished authors

provide just enough technical background to make sense of the underlying policy discussions. The book covers policy, research, and innovation topics on technologies as wide-ranging as: Internet of Things Cyber physical systems 5G Big data ICT Policy, Research, and Innovation compares and contrasts the policy approaches taken by the EU and the US in a variety of areas. The potential for future cooperation is outlined as well. Later chapters provide policy perspectives about some major issues affecting EU/US development cooperation, while the book closes with a discussion of how the development of these new technologies is changing our conceptions of fundamental aspects of society.

Handbook of Open, Distance and Digital Education Olaf Zawacki-Richter  
2023-01-01 This open access handbook offers a one-stop-shop for both new and established researchers, educators, policy makers and administrators in the field of open, distance and digital education (ODDE)

to gain a comprehensive overview of the history, theory and practice at all levels of ODDE, and at the same time stimulates in-depth discussions on various themes and issues of ODDE for today and future. Researchers, scholars and students in the field of ODDE can use this handbook as a major reference to conduct their own research and learning agendas. To cover the field comprehensively, the handbook is structured following the 3M framework developed by one of the chief editors Zawacki-Richter. The 3M framework categorizes the major research areas and issues in ODDE on three levels. Accordingly, the handbook is divided into six sections in total, two section at each of the three levels: 1) Macro Level – ODDE Systems and Theories, 2) Meso Level - Institutional Perspectives, Management and Organization, and 3) Micro Level – Learning and Teaching in ODDE. This is an open access book.