Ecime2014

The 9th European Conference on Information Management and Evaluation (ECIME) is being hosted this year by the University of the West of England, Bristol, UK on the 21-22 September 2015. The Conference Chair is Dr Elias Pimenidis, and the Programme Chair is Dr Mohammed Odeh both from the host University. ECIME provides an opportunity for individuals researching and working in the broad field of information systems management, including IT evaluation to come together to exchange ideas and discuss current research in the field. This has developed into a particularly important forum for the present era, where the modern challenges of managing information and evaluating the effectiveness of related technologies are constantly evolving in the world of Big Data and Cloud Computing. We hope that this year's conference will provide you with plenty of opportunities to share your expertise with colleagues from around the world. The keynote speakers for the Conference are Professor Haris Mouratidis, from the School of Computing, Engineering and Mathematics, University of Brighton, UK who will address the topic "Rethinking Information Systems Security", Dr Mohammed Odeh, from the University of the West of England, Bristol, UK and Dr. Mario Kossmann from Airbus, UK who will talk about "The Significance of Information Systems Management and Evaluation in the Aerospace Industry' ECIME 2015 received an initial submission of 55 abstracts. After the double-blind peer review process 28 academic Research papers, 5 PhD Research papers, 1 Masters Research paper and 3 Work in Progress papers have been accepted for these Conference Proceedings. These papers represent research from around the world, including Austria, Botswana, Cyprus, Czech Republic, Ireland, Japan, Kuwait, New Zealand, Norway, Poland, Portugal, Slovakia, Russia, South Africa, South Korea, Sweden, The Netherlands, UK and the USA.

Firms with superior IT governance have more than 25% higher profits than firms with poor governance given the same strategic objectives. These top performers have custom designed IT governance for their strategies. Just as corporate governance aims to ensure quality decisions about all corporate assets, IT governance links IT decisions with company objectives and monitors performance and accountability. Based on a study of 250 enterprises worldwide, IT Governance shows how to design and implement a system of decision rights that will transform IT from an expense to a profitable investment.

This book constitutes selected papers from the 14th European, Mediterranean, and Middle Eastern Conference, EMCIS 2017, held in Coimbra, Portugal, in September 2017. EMCIS is focusing on approaches that facilitate the identification of innovative research of significant relevance to the IS discipline following sound research methodologies that lead to results of measurable impact. The 37 full and 16 short papers presented in this volume were carefully reviewed and selected from a total of 106 submissions. They are organized in sections on big data and Semantic Web; digital services, social media and digital collaboration; e-government; healthcare information systems; information systems security and information privacy protection; IT governance; and management and organizational issues in information systems.

Digital Information Strategies: From Applications and Content to Libraries and People provides a summary and summation of key themes, advances, and trends in all aspects of digital information at the present time. This helpful resource explores the impact of developing technologies on the information world. Written from an international perspective, the book emphasizes key current topics and future developments. The publication is based on a dynamic set of contents that respond to, and anticipate, what is happening—and what may well happen—in the field of digital information. Presents a comprehensive overview of the major aspects of contemporary digital information provision Serves as a useful reference work for the subject area Features input written from an international perspective Explores the impact of developing technologies on the information world, emphasizing key, current topics and future developments

Organisations face many challenges, which induce them to perform better, and thus to establish mature (or excellent) business processes. As they now face globalisation, higher competitiveness, demanding customers, growing IT possibilities, compliancy rules etc., business process maturity models (BPMMs) have been introduced to help organisations gradually assess and improve their business processes (e.g. CMMI or OMG-BPMM). In fact, there are now so many BPMMs to choose from that organisations risk selecting one that does not fit their needs or one of substandard quality. This book presents a study that distinguishes process management from process orientation so as to arrive at a common understanding. It also includes a classification study to identify the capability areas and maturity types of 69 existing BPMMs, in order to strengthen the basis of available BPMMs. Lastly it presents a selection study to identify criteria for choosing one BPMM from the broad selection, which produced a free online selection tool, BPMM Smart-Selector.

This book constitutes the proceedings of the 11th IFIP WG 8.5 International Conference on Electronic Participation, ePart 2019, held in San Benedetto del Tronto, Italy, in September 2019, in conjunction with the 18th IFIP WG 8.5 IFIP International Conference on Electronic Government (EGOV 2019) and the International Conference for E-Democracy and Open Government Conference (CeDEM 2019). The 13 revised full papers presented were carefully reviewed and selected from 26 submissions. The papers are clustered under the following topical sections: eParticipation Developments; Digital Transformations; Crisis and Emergency Management; and User Perspectives.

Continuous improvements in digitized practices have created opportunities for businesses to develop

more streamlined processes. This not only leads to higher success in day-to-day production, but it increases the overall success of businesses. Enterprise Information Systems and the Digitalization of Business Functions is a key resource on the latest advances and research for a digital agenda in the business world. Highlighting multidisciplinary studies on data modeling, information systems, and customer relationship management, this publication is an ideal reference source for professionals, researchers, managers, consultants, and university students interested in emerging developments for business process management.

Tactical Management in Complexity
Sustainability Integration for Effective Project Management
Istanbul, an Urban History
Requirements Engineering
9th International Conference, CollabTech 2017, Saskatoon, SK, Canada, August 8-10, 2017, Proceedings
ECIME2014
Electronic Participation
14th European, Mediterranean, and Middle Eastern Conference, EMCIS 2017, Coimbra, Portugal, September 7-8, 2017, Proceedings

Business Models and Modelling
Strategies for Information Technology Governance
12th Colombian Conference, CCC 2017, Cali, Colombia, September 19-22, 2017, Proceedings
Designing the Digital Transformation
12th IFIP Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019, Proceedings
A Playbook for Innovators, Rulebreakers, and Changemakers

This book offers a coherent modeling language that captures the complexity of architectural domains and their relations, allowing the construction of integrated enterprise architecture models. Introduces the ArchiMate(r) language for enterprise architecture.

The advent of the Information Society is marked by the explosive penetration of information technologies in all aspects of life and by a related fundamental transformation in every form of the organization. Researchers, business people and policy makers have recognized the importance of addressing technological, economic and social impacts in conjunction. For example, the rise and fall of the dot-com hype depended a lot on the strength of the business model, on the technological capabilities available to firms and on the readiness of the society and economy at large sustain a new breed of business activity. However, it is notoriously difficult to examine the cross-impacts of social, economic and technological aspects of the Information Society. This kind of work requires multidisciplinary work and collaboration on a wide range of skills. Social and Economic Transformation in the Digital Era addresses this challenge by assembling the latest thinking of leading researchers and policy makers. The book covers all key subject areas of the Information Society an presents innovative business models, case studies, normative theories and social explanations

The last few decades have seen the digital transformation of healthcare, with health informaticians taking the lead in innovations which have enabled the sector to evolve from rudimentary computer based records to large-scale systems allowing for intra-organisational, national and even international communication and information exchange. Establishing and maintaining strong partnerships between the healthcare community, government, universities and industry is integral to supporting these advances. This book presents 24 selected papers from the 25th Australian National Health Informatics Conference (HIC 2017), held in Brisbane, Australia, in August 2017. The theme of HIC 2017 is Integrating and Connecting Care, and the conference provides the ideal professional and social environment for clinicians, researchers, health IT professionals, industry and consumers to integrate, educate and share their knowledge and debate current and future health systems. The papers in the book reflect the theme of the conference, highlighting the cutting-edge research evidence, technology updates and innovations crucial to the digital transformation of the healthcare sector. Health informatics and e-health play a central role in connecting information systems, being smart with data, and enhancing both practitioner and consumer experience in healthcare interactions, and the book will be of interest to researchers and practitioners alike.

This book constitutes the refereed proceedings of the First International Conference on Innovative Technologies and Learning, ICITL 2018, held in Portoroz, Slovenia, in August 2018. The 66 revised full papers presented together with 4 short papers were carefully reviewed and selected from 160 submissions. The papers are organized in the following topical sections: Augmented and Virtual Reality in Education; Collaborative Learning; Design and Framework of Learning Systems; Instructional Strategies; Learning Analytics and Education Data Mining; Mind, Brain and Education; Pedagogies to Innovative Technologies; Personalized and Adaptive Learning; Social Media and Online Learning; Technologies Enhanced Language Learning; Application and Design of Innovative Learning Software; Educational Data Analytics Techniques and Adaptive Learning Applications; and Innovative Thinking Education and Future Trend Development.

The concept of sustainability has grown in recognition and importance. The pressure on companies to broaden their reporting and accountability from economic performance for shareholders, to sustainability performance for all stakeholders is leading to a change of mindset in consumer behaviour and corporate policies. How can we develop prosperity without compromising the life and needs of future generations? Sustainability in Project Management explores and identifies the questions surrounding the integration of the concepts of sustainability in projects and project management and provides valuable guidance and insights. Sustainability relates to multiple perspectives, economical, environmental and social, but also to responsibility and accountability

and values in terms of ethics, fairness and equality. The authors will inspire project managers to be aware of these considerations, and to apply them to the role they play in projects, not just 'doing things right' but 'doing the right things right'.

This book constitutes the refereed proceedings of the 9th International Conference on Collaboration Technologies, CollabTech 2017, held in Saskatoon, SK, Canada, in August 2017. The 10 revised full papers presented in this book together with 6 short papers were carefully reviewed and selected from 37 submissions. The papers focus on topics such as: CSCW system architectures and applications; social computing; crowdsourcing; inter-cultural collaboration; collaborative communication systems; embodied collaboration systems; shared virtual/augmented environments; smart devices for collaboration; computer supported collaborative learning (CSCL); collaborative entertainment systems; computer supported cooperative design (CSCD); and social science studies on collaboration.

This book contains the revised and extended versions of selected papers from the 11th International Conference on Agents and Artificial Intelligence, ICAART 2019, held in Prague, Czech Republic, in February 2019. Overall, 46 full papers, 66 short papers, and 36 poster papers were carefully reviewed and selected from 202 initial submissions. 17 of the 46 full papers were selected to be included in this volume. These papers deal with topics such as natural language processing, artificial intelligence, and agents.

Featuring numerous case examples from companies around the world, this second edition integrates theoretical advances and empirical data with practical applications, including in-depth discussion on the COBIT 5 framework which can be used to build, measure and audit enterprise governance of IT approaches. At the forefront of the field, the authors of this volume draw from years of research and advising corporate clients to present a comprehensive resource on enterprise governance of IT (EGIT). Information technology (IT) has become a crucial enabler in the support, sustainability and growth of enterprises. Given this pervasive role of IT, a specific focus on EGIT has arisen over the last two decades, as an integral part of corporate governance. Going well beyond the implementation of a superior IT infrastructure, enterprise governance of IT is about defining and embedding processes and structures throughout the organization that enable boards and business and IT people to execute their responsibilities in support of business/IT alignment and value creation from their IT-enabled investments. Featuring a variety of elements, including executive summaries and sidebars, extensive references and questions and activities (with additional materials available on-line), this book will be an essential resource for professionals, researchers and students alike

In this volume leading scholars from North America, Europe and Asia come together to explore the topic of business models that takes the demand side (customers and their engagement) seriously. The first part deals with the model dimension of business models. The second part deals with business models and change.

For adults. There is a pressing need for methodologically sound RCTs to confirm whether such interventions are helpful and, if so, for whom.

This book constitutes the proceedings of the 18th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2019, held in Trondheim, Norway, in September 2019. The total of 61 full and 4 short papers presented in this volume were carefully reviewed and selected from 138 submissions. The papers were organized in topical sections named: e-business; big data analytics, open science and open data; artificial intelligence and internet of things; smart cities and smart homes, social media and analytics; digital governance; digital divide and social inclusion; learning and education; security in digital environments; modelling and managing the digital enterprise; digital innovation and business transformation; and online communities.

This book constitutes the refereed proceedings of the 48th Annual Conference of the Southern African Computer Lecturers' Association on ICT Education, SACLA 2019, held in Northern Drakensberg, South Africa, in July 2019. The 16 revised full papers presented were carefully reviewed and selected from 57 submissions. The papers are organized in following topical sections: computer programming education; system security education; software engineering education; education of post-graduate research-students; our students, our profession.

This volume constitutes the proceedings of the 12th IFIP WG 8.1 Conference on the Practice of Enterprise Modeling held in November 2019 in Luxembourg, Luxembourg. The conference was created by the International Federation for Information Processing (IFIP) Working Group 8.1 to offer a forum for knowledge transfer and experience sharing between the academic and practitioner communities. The 15 full papers accepted were carefully reviewed and selected from 35 submissions. They are grouped by the following topics: modeling and ontologies; reference

architectures and patterns; methods for architectures and models; and enterprise architecture for security, privacy and compliance.

Requirements engineering is the process of eliciting individual stakeholder requirements and needs and developing them into detailed, agreed requirements documented and specified in such a way that they can serve as the basis for all other system development activities. In this textbook, Klaus Pohl provides a comprehensive and well-structured introduction to the fundamentals, principles, and techniques of requirements engineering. He presents approved techniques for eliciting, negotiating and documenting as well as validating, and managing requirements for software-intensive systems. The various aspects of the process and the techniques are illustrated using numerous examples based on his extensive teaching experience and his work in industrial collaborations. His presentation aims at professionals, students, and lecturers in systems and software engineering or business applications development. Professionals such as project managers, software architects, systems analysts, and software engineers will benefit in their daily work from the didactically well-presented combination of validated procedures and industrial experience. Students and lecturers will appreciate the comprehensive description of sound fundamentals, principles, and techniques, which is completed by a huge commented list of references for further reading. Lecturers will find additional teaching material on the book's website, www.requirements-book.com.

11th International Conference, ICAART 2019, Prague, Czech Republic, February 19–21, 2019, Revised Selected Papers

4th International Conference, IDGD 2011, Held as Part of HCI International 2011, Orlando, FL, USA, July 9-14, 2011, Proceedings

48th Annual Conference of the Southern African Computer Lecturers' Association, SACLA 2019, Northern Drakensberg, South Africa, July 15–17, 2019, Revised Selected Papers

The Dynamics of Corporate Information Infrastructures

HCI International 2019 – Late Breaking Papers

From Control to Drift

Enterprise Architecture at Work

Enterprise Information Systems and the Digitalization of Business Functions

From Applications and Content to Libraries and People

ECIME 2014 Proceedings of the 8th European Conference on IS Management and Evaluation

Innovative Technologies and Learning

Digital Transformation for a Sustainable Society in the 21st Century

IT Governance

Achieving Alignment and Value, Featuring COBIT 5

CRD's Guidance for Undertaking Reviews in Health Care

This year the 21st International Conference on Human-Computer Interaction, HCII 2019, which was held in Orlando, Florida, USA, in July 2019, introduced the additional option of "late-breaking work", which applied both for papers and posters with the corresponding volumes of the proceedings. The 47 late-breaking papers included in this volume were published after the conference has taken place. They were organized in the following topical sections: user experience design and evaluation; information, visualization, and decision making; virtual and augmented reality; learning and games; human and task models in HCI; and design and user experience case studies.

Relationships abound in the library and information science (LIS) world. Those relationships may be social in nature, as, for instance, when we deal with human relationships among library personnel or relationships (i. e. , "public relations") between an information center and its clientele. The relationships may be educational, as, for example, when we examine the relationship between the curriculum of an accredited school and the needs of the work force it is preparing students to join. Or the relationships may be economic, as when we investigate the relationship between the cost of journals and the frequency with which they are cited. Many of the relationships of concern to us reflect phenomena entirely internal to the field: the relationship between manuscript collections, archives, and special collections; the relationship between end user search behavior and the effectiveness of searches; the relationship between access to and use of information resources; the relationship between recall and precision; the relationship between various bibliometric laws; etc. The list of such relationships could go on and on. The relationships addressed in this volume are restricted to those involved in the organization of recorded knowledge, which tend to have a conceptual or semantic basis, although statistical means are sometimes used in their discovery.

For undergraduate and MBA-level Enterprise Systems courses. An approach to understanding and implementing ERP systems for success in today's organizations. Motiwalla teaches students the components of an ERP system, and the process of implementing ERP systems within a corporation to increase the overall success of the organization. This text also places major importance on the strategic role of ERP systems in providing a platform for improved business operations and productivity. The second edition reflects the nature of today's enterprise systems.

This book constitutes the proceedings of the 12th International Conference on Design Science Research in Information Systems and Technology, DESRIST 2017, held in May/June 2017 in Karlsruhe, Germany. The 25 full and 11 short papers presented in this volume were carefully reviewed and selected from 66 full and 19 short papers. The contributions are organized in topical sections named: DSR in business process management; DSR in human computer interaction; DSR in data science and business analytics; DSR in service science; methodological contributions; domain-specific DSR applications; emerging themes and new ideas; and products and prototypes.

Although it remains one of the most significant challenges in recent years, companies are beginning to integrate the ideas of sustainability into organized projects such as marketing, corporate communications, and annual reports. In this case, sustainability remains an important influence on the initiation of project management. Sustainability Integration for Effective Project Management

provides a comprehensive understanding of the most important issues, concepts, trends, methodologies, and good practices in sustainability to project management. The research and concepts discussed in this publication are developed by professionals and academics aiming to provide the latest knowledge related to sustainability principles for prospective professionals, academics, and researchers in this area of expertise.

This book draws on the author's own experience as a practitioner, collaborations with professionals from small and medium-sized businesses with international scope in North Macedonia and Belgium, and academic research. Its goal is to bring together tactical management and information systems research in complex environments. By developing the "DENICA" managerial method it re-introduces tactics as an important managerial function and underestimated source of competitive advantage. The book also offers a roadmap for dynamic reconfiguration of the managerial systems in complex environment, while considering adaptability, sustainability and effectiveness in the process. Furthermore, the book introduces a methodological "kaleidoscope" which combines IS methodology with the managerial sciences, offering a model that can be adapted and replicated to specific contexts in order to achieve fitting solutions. Real-world case studies from North Macedonia and Belgium apply these methods and illustrate their practical implications.

This volume constitutes the refereed proceedings of the 4th International Conference on Internationalization, Design and Global Development, IDGD 2011, held in Orlando, FL, USA, in July 2011 in the framework of the 14th International Conference on Human-Computer Interaction, HCII 2011. The 71 revised papers presented were carefully reviewed and selected from numerous submissions. The papers accepted for presentation thoroughly cover the entire field of internationalization, design and global development and address the following major topics: Cultural and cross-cultural design, culture and usability, design, emotion, trust and aesthetics, cultural issues in business and industry, culture, communication and society.

Internationalization, Design and Global Development

Paisley, Scotland, United Kingdom, 25 - 26 October 2007

A Comparative Study on a Sample of Business Process Maturity Models

12th International Conference, DESRIST 2017, Karlsruhe, Germany, May 30 – June 1, 2017, Proceedings

Business Process Maturity

"Doing Business in the Digital Age: Challenges, Approaches and Solutions"

COBIT 5

Symposium proceedings - XVI International symposium Symorg 2018

Fundamentals, Principles, and Techniques

The Practice of Enterprise Modeling

Sustainability in Project Management

Modelling, Communication and Analysis

Agents and Artificial Intelligence

Gamestorming

Managerial and Informational Aspects

Great things don't happen in a vacuum. But creating an environment for creative thinking and innovation can be a daunting challenge. How can you make it happen at your company? The answer may surprise you: gamestorming. This book includes more than 80 games to help you break down barriers, communicate better, and generate new ideas, insights, and strategies. The authors have identified tools and techniques from some of the world's most innovative professionals, whose teams collaborate and make great things happen. This book is the result: a unique collection of games that encourage engagement and creativity while bringing more structure and clarity to the workplace. Find out why -- and how -- with Gamestorming. Overcome conflict and increase engagement with team-oriented games Improve collaboration and communication in cross-disciplinary teams with visual-thinking techniques Improve understanding by role-playing customer and user experiences Generate better ideas and more of them, faster than ever before Shorten meetings and make them more productive Simulate and explore complex systems, interactions, and dynamics Identify a problem's root cause, and find the paths that point toward a solution

This book constitutes the refereed proceedings of the 12th Colombian Conference on Computing, CCC 2017, held in Cali, Colombia, in September 2017. The 56 revised full papers presented were carefully reviewed and selected from 186 submissions. The papers are organized in topical sections on information and knowledge management, software engineering and IT architectures, educational informatics, intelligent systems and robotics, human-computer interaction, distributed systems and large-scale architectures, image processing, computer vision and multimedia, security of the information, formal methods, computational logic and theory of computation.

Despite criticism for their serious shortcomings, maturity models are widely used within organizations. The appropriate applications of these models can lead to organizational and corporate success. Developing Organizational Maturity for Effective Project Management is a critical scholarly publication that explores the successes and failures of maturity models and how they can be applied competently to leadership within corporations. Featuring coverage on a wide array of topics such as project management maturity, agile maturity, and organizational performance, this publication is geared toward professionals, managers, and students seeking current research on the application of maturity models to corporate success.

Firms are investing considerable resources to create large information infrastructures to fulfil information-processing and communication needs. Using case study examples, this book presents a picture of the main issues involved in information infrastructure implementation and management.

This is not a book on archaeology, nor, although it lays particular stress on the architecture, an architectural history of Istanbul. It is an attempt to present the urban history of a world-city called Istanbul, Constantinople, Byzantion in different periods of its history. It delineates historical circumstances, or sudden ruptures, but above all, it attempts to present this unique world-city as experienced by its citizens and visitors, and as imagined by the world at large. While recent researches on the topography, history and monuments of the city are integrated in the text, my intention is to present the essence of the historical image of Istanbul contextually within physical, social and cultural framework. I have no intention of breaking new ground on the topography of the city, but I wish to convey the terms of a unique human experience in one of the longest surviving cities of the world, built in a most beautiful and enchanting landscape. The great Byzantine scholar R Janin speaks of various "visages" of the city composed through the rhythms of life or caprices of the emperors. Most of this intricate relationships created in millennia between men, site, and artifact are gone and difficult to visualize. In writing this urban history, while I try to remain objective, I know that I create a literary model using as reference the least changed of the historical elements, the surviving monuments, the site with its basic shape and articulations, and contemporary accounts -not necessarily sources of hard facts, but as primary expressions, reactions and emotions. Thus

tryingto keep myself away, as far as possible, from speculation and methods of criminal fiction, I have delineated the history of this grandiose, dramatic and often cruel city of Istanbul.--.