

# ***Formal Ontology In Information Systems Frontiers In Artificial Intelligence And Applications***

***Information Systems Outsourcing Advanced Information Systems Engineering Information Systems Research Frontiers in Enterprise Integration Advances in Databases and Information Systems Enterprise, Business-Process and Information Systems Modeling Legal Knowledge and Information Systems Managing Globally with Information Technology Evaluating Information Systems Information Systems Security Advanced Information Systems Engineering Web Information Systems Engineering - WISE 2005 Strategic information systems management for environmental sustainability : enhancing firm competitiveness with Green IS Geographic Information Systems: Concepts, Methodologies, Tools, and Applications Advances in Information Systems Development Enterprise Information Systems Design, Implementation and Management Healthcare Information Technology Innovation and Sustainability: Frontiers and Adoption Databases and Information Systems VII Emerging Topics and Technologies in Information Systems Responsible AI and Analytics for an Ethical and Inclusive Digitized Society Frontiers in Computational and Systems Biology Global Implications of Modern Enterprise Information Systems: Technologies and Applications Enterprise Governance of Information Technology Annals of Cases on Information Technology Cases on Information Technology and Business Process Reengineering Information Technology in Organisations and Societies Frontiers of Geographic Information Technology Business Strategies for Information Technology Management Information Technology Auditing Managing Business with SAP Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering Information Systems Research in Vietnam Digital Information Processing and Communications, Part II Digitalization Across Organizational Levels Handbook on Decision Support Systems I Collaboration Systems Innovative Applications of Knowledge Discovery and Information Resources Management Advanced Principles for Improving Database Design, Systems Modeling, and Software Development Ontology-Based Applications for Enterprise Systems and Knowledge Management E-Collaboration Technologies and Organizational Performance: Current and Future Trends***

*Eventually, you will no question discover a further experience and deed by spending more cash. nevertheless when? attain you assume that you require to acquire those all needs in the same way as having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will lead you to understand even more on the order of the globe, experience, some places, in imitation of history, amusement, and a lot more?*

*It is your no question own times to conduct yourself reviewing habit. among guides you could enjoy now is Formal Ontology In Information Systems Frontiers In Artificial Intelligence And Applications below.*

***Information Systems Research in Vietnam Mar 01 2020 This book provides a collection of advanced information systems research, cases and applications in the context of Vietnam, presented by experienced researchers in the field. It provides a comprehensive overview of the field and offers access to practical information systems applications, serving as a guide to comparing the context. Readers can also compare the context of information systems applications in Vietnam as a developing country against the context in developed countries. The book contributes to the body of knowledge in several ways. It provides comprehensive references for information systems research, promotes the recent progress in its applications in Vietnam and offers a shared understanding to serve as a blueprint for future research. From a practical point of view, the book helps organisations/companies in Vietnam to keep up with information systems cases, studies and applications.***

***Enterprise Governance of Information Technology Dec 10 2020 This book integrates theoretical advances and empirical data on Enterprise Governance in Information Technology (EGIT) with practical applications based on numerous case examples. The third revised edition of Enterprise Governance of Information Technology provides professionals and students with the most recent research advancements as well as an in-depth discussion of the recently-introduced Control Objectives for Information and Related Technologies (COBIT) 2019 framework which can be used to facilitate a tailored implementation of effective EGIT. Furthermore, the book features a new chapter which provides readers with hands-on examples from practice and clear insights on how these relate to theory. 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 EGIT. Featuring a variety of elements, including executive summaries and sidebars, extensive references, questions and activities and additional online materials, this book is a valuable updated resource for professionals, students and researchers alike.***

***Strategic information systems management for environmental sustainability : enhancing firm competitiveness with Green IS Oct 20 2021 During the last three decades, information and communication technologies have fundamentally changed the way we work, live and communicate. The ubiquity of internet services, which become increasingly interactive and complex, together with enhanced connectivity, facilitated by innovative mobile devices, induces an ever-rising demand for computing, storage and data transmission capacities. Today, information systems (IS) constitute the backbone of the globalized economy and are indispensable for modern business and production processes. At the same time, environmental sustainability has evolved as the most pressing societal challenge of the 21st century, in particular due to the looming threats of climate change. By virtue of their global influence and reach, business companies significantly contribute to the creation of environmental problems, but owing to their organizational knowledge, capabilities***

and resources, they also have the capacity and ability to play a key role in shaping the path towards a more sustainable development. The companies leading the way have noticed that corporate sustainability is not necessarily a burden that negatively impacts their bottom line. If strategically managed, environmental product and process innovations can decrease operational costs, enhance corporate reputation, and differentiate from competitors. With regard to environmental sustainability, IS play a contradictory role: on the one hand, the manufacturing, operation and disposal of information technology (IT) infrastructure are responsible for serious environmental impacts: from the mining of conflict minerals to carbon dioxide emissions that equal those of the airline industry to enormous amounts of toxic e-waste. On the other hand, IS are perceived as key enablers of a "green" economy: environmental management systems and the reengineering of business processes can substantially reduce the environmental impacts of business organizations, while technological innovations provide opportunities to decrease the ecological footprint of end-user products and services. Many organizations have started to implement first environmental measures to decrease IT energy consumption and to reduce operational costs, mostly in an unstructured and uncoordinated manner though. Although Green IS practices feature a considerable potential to increase corporate environmentalism while creating promising business opportunities, the adoption of enterprise-wide cross-functional initiatives aimed at implementing Green IS has been rather slow. Economic uncertainties regarding the long-term effects of Green IS adoption and the lack of appropriate management frameworks have been identified as main inhibitors of an encompassing implementation of Green IS initiatives throughout the enterprise. In this context, this thesis addresses relevant research gaps, contributes to theory development in the evolving Green IS research discipline, develops practice-oriented management frameworks, and emphasizes the importance of following a strategic approach to leverage the competitive potential of Green IS. This cumulative thesis comprises an introduction that includes a literature review and a pre-study, four theory-based conceptual research articles, and two empirical studies, one of them building on qualitative, exploratory case study research whereas the other relies on quantitative data which has been analyzed with structural equation modeling. This thesis targets four specific research goals to advance theory-building in Green IS research and to promote the adoption of Green IS in practice. First, this thesis clarifies and defines the central terms and key concepts Green IT, Green IS, Green IS strategy, and Green IS practices drawing on a transdisciplinary research approach. Second, the most important challenges and inhibitors of Green IS adoption are identified and characterized. In particular, the lack of management frameworks, which encourage a holistic implementation that follows a strategic rationale, the complexity of strategic Green IS alignment, the multi-dimensional performance impacts of cross-functional initiatives and, above all, the uncertainty relating to the business case of Green IS practices, are identified as the most pressing challenges. Third, current actions of business firms to address these challenges are examined. Building on exploratory case study research, distinctive Green IS strategies are identified in managerial practice. Most notably, the empirical insights from quantitative survey research suggest a positive relationship between Green IS adoption and firm competitiveness, thus decreasing the economic uncertainty which inhibits the implementation of far-reaching environmental initiatives. Fourth, practice-oriented management frameworks are developed. The fine-grained Green IS strategy concept advises the formulation of strategies addressing the corporate, competitive, and functional management level. The proposed typology of four Green IS strategies illustrates distinct strategic options, from which executives can choose under consideration of their competitive targets and the firm-specific context. To allow for consistency of Green IS strategies, the presented alignment framework facilitates coherence with economic and environmental corporate goals. Furthermore, the actors, roles and responsibilities relevant to the alignment process are described. In addition, a management framework for the holistic adoption of Green IS, which specifies decisive management areas and distinguishes between three degrees of environmental impacts, is presented along with a comprehensive catalogue of Green IS implementation measures. As a consequence, this research offers both empirical insights and conceptual models to advance the adoption of Green IS initiatives, thus meeting the challenges of climate change and turning corporate sustainability into a business opportunity. Informationssysteme (IS) zeigen in Bezug auf ökologische Nachhaltigkeit gegensätzliche Eigenschaften. Einerseits verursachen die Herstellung, der Betrieb sowie die Entsorgung von Informationstechnologie (IT) – Infrastrukturen schwerwiegende negative Umweltauswirkungen: Vom Abbau von Konfliktmineralien über Kohlendioxidemissionen bis hin zu beträchtlichen Mengen giftigen Elektroschrotts. Andererseits werden IS als Schlüsseltechnologien für eine nachhaltige Wirtschaft gesehen. Umweltmanagementsysteme und die Umgestaltung von Geschäftsprozessen können den ökologischen Fußabdruck von Organisationen bedeutend verringern. Zudem eröffnen technologische Innovationen neuartige Möglichkeiten, die Umweltauswirkungen von Produkten und Dienstleistungen über den gesamten Lebenszyklus hinweg zu senken. Zahlreiche Organisationen haben damit begonnen, einzelne Green-IT-Maßnahmen zu implementieren um den Energieverbrauch und operative Kosten zu senken. Allerdings verfolgen die meisten Unternehmen hierbei keinen strukturierten oder strategischen Ansatz. Obwohl Green-IS-Initiativen beachtliche Potentiale zur Verbesserung der ökologischen Nachhaltigkeit von Organisationen bieten und gleichzeitig vielversprechende wirtschaftliche Chancen eröffnen, schreitet die Umsetzung von bereichsübergreifenden Green-IS-Maßnahmen in Unternehmen nur langsam voran. Ökonomische Unsicherheiten in Bezug auf die Rentabilität derartiger Maßnahmen sowie der Mangel an adäquaten Management-Frameworks werden in diesem Zusammenhang als zentrale Hinderungsgründe für eine strategische und ganzheitliche Umsetzung von Green-IS-Initiativen identifiziert. Diese Dissertation adressiert diese Hinderungsgründe, schafft Schlüsselkonzepte für den neuen Green-IS-Forschungszweig, entwickelt praxisorientierte Management-Frameworks und hebt die Bedeutung eines strategischen Ansatzes bei der Implementierung von Green IS hervor. Diese Forschungsarbeit offeriert empirische Einblicke wie auch konzeptionelle Modelle um die Umsetzung ganzheitlicher Green-IS-Initiativen in Organisationen voranzutreiben. Unternehmen haben somit die Chance, den Herausforderungen des Klimawandels verantwortungsvoll zu begegnen und gleichzeitig durch eine nachhaltige Unternehmensführung Wettbewerbsvorteile zu generieren.

*Ontology-Based Applications for Enterprise Systems and Knowledge Management* Jul 25 2019 "This book provides an opportunity for readers to clearly understand the notion of ontology engineering and the practical aspects of this approach in the domains of two interest areas: Knowledge Management Systems and Enterprise Systems"--

*Information Systems Outsourcing* Nov 01 2022 Three years have passed since the second edition of this book was published. The field

of IT outsourcing continues to grow in practice as well as in academia and draws further attention in both domains. Aspects of traditional outsourcing (Part II) have remained pronounced but are becoming more mature. While outsourcing determinants are still important, they are now of less interest to researchers. Relationship management (Chap. 1) and capability management (Chap. 2) continue to be of interest; so too are outsourcing outcomes (Chap. 3) and, as a new focus, innovation aspects (Chap. 4). These are motivating more and more research activities, complementing the lifecycle of traditional outsourcing. We note significant growth in the field of IT offshoring (Part II). In our third edition, we offer research results on offshoring patterns and trends (Chap. 5), the crucial aspect of knowledge sharing (Chap. 6), vibrant examples for offshoring dynamics (Chap. 7), and some new contributions on the determinants of offshoring success (Chap. 8). The last part of our book investigates the field of business process outsourcing (Part III). In this section, issues such as standardization, process outsourcing to India and deinstitutionalization patterns in the health-care sector are presented. Given these new subjects, we believe that *Enduring Themes, Global Challenges, and Process Opportunities* is an appropriate subtitle for this third edition of the monograph. Again, we have thoughtfully compiled contemporary outsourcing research as a primer and a platform for scientific discourse.

**Managing Business with SAP** May 03 2020 *Managing Business with SAP: Planning, Implementation and Evaluation* is important to all IT managers as it addresses the reasons why many ERP systems fail, and how IT managers can improve the rate of successful implementation.

**Frontiers of Geographic Information Technology** Aug 06 2020 Originally intended for desktop mapping and analysis, Geographic Information Systems have been coupled to other technologies, due to the limitations in commercially available systems, and has occurred in areas including visualisation, simulation, data storage and management and decision support. This book, written by an international group of experts, focuses on the use of GIS and the technology it has been allied to. A companion website offers additional materials and links.

**Handbook on Decision Support Systems** 1 Nov 28 2019 Decision support systems have experienced a marked increase in attention and importance over the past 25 years. The aim of this book is to survey the decision support system (DSS) field – covering both developed territory and emergent frontiers. It will give the reader a clear understanding of fundamental DSS concepts, methods, technologies, trends, and issues. It will serve as a basic reference work for DSS research, practice, and instruction. To achieve these goals, the book has been designed according to a ten-part structure, divided in two volumes with chapters authored by well-known, well-versed scholars and practitioners from the DSS community.

**Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering** Apr 01 2020 Decision support systems (DSS) are widely touted for their effectiveness in aiding decision making, particularly across a wide and diverse range of industries including healthcare, business, and engineering applications. The concepts, principles, and theories of enhanced decision making are essential points of research as well as the exact methods, tools, and technologies being implemented in these industries. From both a standpoint of DSS interfaces, namely the design and development of these technologies, along with the implementations, including experiences and utilization of these tools, one can get a better sense of how exactly DSS has changed the face of decision making and management in multi-industry applications. Furthermore, the evaluation of the impact of these technologies is essential in moving forward in the future. The *Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering* explores how decision support systems have been developed and implemented across diverse industries through perspectives on the technology, the utilizations of these tools, and from a decision management standpoint. The chapters will cover not only the interfaces, implementations, and functionality of these tools, but also the overall impacts they have had on the specific industries mentioned. This book also evaluates the effectiveness along with benefits and challenges of using DSS as well as the outlook for the future. This book is ideal for decision makers, IT consultants and specialists, software developers, design professionals, academicians, policymakers, researchers, professionals, and students interested in how DSS is being used in different industries.

**Advanced Information Systems Engineering** Sep 30 2022 th CAiSE 2004 was the 16 in the series of International Conferences on Advanced Information Systems Engineering. In the year 2004 the conference was hosted by the Faculty of Computer Science and Information Technology, Riga Technical University, Latvia. Since the late 1980s, the CAiSE conferences have provided a forum for the presentation and exchange of research results and practical experiences within the field of Information Systems Engineering. The conference theme of CAiSE 2004 was Knowledge and Model Driven Information Systems Engineering for Networked Organizations. Modern businesses and IT systems are facing an ever more complex environment characterized by openness, variety, and change. Organizations are becoming less self-sufficient and increasingly dependent on business partners and other actors. These trends call for openness of business as well as IT systems, i.e. the ability to connect and interoperate with other systems. Furthermore, organizations are experiencing ever more variety in their business, in all conceivable dimensions. The different competencies required by the workforce are multiplying. In the same way, the variety in technology is overwhelming with a multitude of languages, platforms, devices, standards, and products. Moreover, organizations need to manage an environment that is constantly changing and where lead times, product life cycles, and partner relationships are shortening. The demand of having to constantly adapt IT to changing technologies and business practices has resulted in the birth of new ideas which may have a profound impact on the information systems engineering practices in future years, such as autonomic computing, component and services marketplaces and dynamically generated software. *Emerging Topics and Technologies in Information Systems* Apr 13 2021 "This book communicates the various challenges and great opportunities that information systems research produces"--Provided by publisher.

**Healthcare Information Technology Innovation and Sustainability: Frontiers and Adoption** Jun 15 2021 *Healthcare Information Technology Innovation and Sustainability: Frontiers and Adoption* presents research in the emerging field on information systems and informatics in the healthcare industry. By addressing innovative concepts and critical issues through case studies and experimental research, this reference source is useful for practitioners, researchers and academics aiming to advance the knowledge and practice of

these interdisciplinary fields of healthcare information.

*Advanced Information Systems Engineering Dec 22 2021* This book constitutes the refereed proceedings of the 23rd International Conference on Advanced Information Systems Engineering, CAiSE 2011, held in London, UK, in June 2011. The 42 revised full papers and 5 revised short papers presented were carefully reviewed and selected from 320 submissions. In addition the book contains the abstracts of 2 keynote speeches. The contributions are organized in topical sections on requirements; adaptation and evolution; model transformation; conceptual design; domain specific languages; case studies and experiences; mining and matching; business process modelling; validation and quality; and service and management.

*Digital Information Processing and Communications, Part II Jan 29 2020* This two-volume-set (CCIS 188 and CCIS 189) constitutes the refereed proceedings of the International Conference on Digital Information Processing and Communications, ICDIPC 2011, held in Ostrava, Czech Republic, in July 2011. The 91 revised full papers of both volumes presented together with 4 invited talks were carefully reviewed and selected from 235 submissions. The papers are organized in topical sections on network security; Web applications; data mining; neural networks; distributed and parallel processing; biometrics technologies; e-learning; information ethics; image processing; information and data management; software engineering; data compression; networks; computer security; hardware and systems; multimedia; ad hoc network; artificial intelligence; signal processing; cloud computing; forensics; security; software and systems; mobile networking; and some miscellaneous topics in digital information and communications.

*Web Information Systems Engineering - WISE 2005 Nov 20 2021* This book constitutes the proceedings of the 6th International Conference on Web Information Systems Engineering, WISE 2005, held in New York, NY, USA, in November 2005. The 30 revised full papers and 20 revised short papers presented together with 18 poster papers were carefully reviewed and selected from 259 submissions. The papers are organized in topical sections on Web mining, Web information retrieval, metadata management, ontology and semantic Web, XML, Web service method, Web service structure, collaborative methodology, P2P, ubiquitous and mobile, document retrieval applications, Web services and e-commerce, recommendation and Web information extraction, P2P, grid and distributed management, and advanced issues. The presentation is rounded off by 14 industrial papers and the abstracts of 4 tutorial sessions.

*Geographic Information Systems: Concepts, Methodologies, Tools, and Applications Sep 18 2021* Developments in technologies have evolved in a much wider use of technology throughout science, government, and business; resulting in the expansion of geographic information systems. GIS is the academic study and practice of presenting geographical data through a system designed to capture, store, analyze, and manage geographic information. *Geographic Information Systems: Concepts, Methodologies, Tools, and Applications* is a collection of knowledge on the latest advancements and research of geographic information systems. This book aims to be useful for academics and practitioners involved in geographical data.

*Frontiers in Computational and Systems Biology Feb 09 2021* Biological and biomedical studies have entered a new era over the past two decades thanks to the wide use of mathematical models and computational approaches. A booming of computational biology, which sheerly was a theoretician's fantasy twenty years ago, has become a reality. Obsession with computational biology and theoretical approaches is evidenced in articles hailing the arrival of what are va- ously called quantitative biology, bioinformatics, theoretical biology, and systems biology. New technologies and data resources in genetics, such as the International HapMap project, enable large-scale studies, such as genome-wide association st- ies, which could potentially identify most common genetic variants as well as rare variants of the human DNA that may alter individual's susceptibility to disease and the response to medical treatment. Meanwhile the multi-electrode recording from behaving animals makes it feasible to control the animal mental activity, which could potentially lead to the development of useful brain-machine interfaces. - bracing the sheer volume of genetic, genomic, and other type of data, an essential approach is, ?rst of all, to avoid drowning the true signal in the data. It has been witnessed that theoretical approach to biology has emerged as a powerful and st- ulating research paradigm in biological studies, which in turn leads to a new - search paradigm in mathematics, physics, and computer science and moves forward with the interplays among experimental studies and outcomes, simulation studies, and theoretical investigations.

*Business Strategies for Information Technology Management Jul 05 2020* "This business guide presents theoretical and empirical research on the business value of information technology (IT) and introduces strategic opportunities for using IT management to increase organizational performance. Implementation management is addressed with attention to customer relationship outsourcing, decision support systems, and information systems strategic planning. Domestic, international, and multinational business contexts are covered."

*Managing Globally with Information Technology Mar 25 2022* "As the world economy becomes more interdependent and competition more global, the information technology management challenges of enabling the global marketplace must be met with innovative solutions. Covering both technological barriers and managerial challenges, this discussion includes international issues such as managerial experiences in Brazilian hotels, competition in the Asian automotive industry, e-business in Thailand, and job security in Egypt. A business-model handbook for the challenges faced by developing nations is also provided."

*Innovative Applications of Knowledge Discovery and Information Resources Management Sep 26 2019* Technological advancements have become an integral part of life, impacting the way we work, communicate, make decisions, learn, and play. As technology continually progresses, humans are being outpaced by its capabilities, and it is important for businesses, organizations, and individuals to understand how to optimize data and to implement new methods for more efficient knowledge discovery and information management and retrieval. *Innovative Applications of Knowledge Discovery and Information Resources Management* offers in-depth coverage on the pervasiveness of technological change with a collection of material on topics such as the impact of permeable work-life boundaries, burnout and turnover, big data usage, and computer-based learning. It proves a worthy source for academicians, practitioners, IT leaders, IT professionals, and advanced-level students interested in examining the ways in which technology is changing the world.

*Responsible AI and Analytics for an Ethical and Inclusive Digitized Society Mar 13 2021* This volume constitutes the proceedings of

*the 20th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2021, held in Galway, Ireland, in September 2021.\* The total of 57 full and 8 short papers presented in these volumes were carefully reviewed and selected from 141 submissions. The papers are organized in the following topical sections: AI for Digital Transformation and Public Good; AI & Analytics Decision Making; AI Philosophy, Ethics & Governance; Privacy & Transparency in a Digitized Society; Digital Enabled Sustainable Organizations and Societies; Digital Technologies and Organizational Capabilities; Digitized Supply Chains; Customer Behavior and E-business; Blockchain; Information Systems Development; Social Media & Analytics; and Teaching & Learning. \*The conference was held virtually due to the COVID-19 pandemic.*

*E-Collaboration Technologies and Organizational Performance: Current and Future Trends Jun 23 2019 "This book reviews recent advances in the e-collaboration discipline with a focus on virtual teams, firm performance, social capital formation, and Web-based communities"--Provided by publisher.*

*Annals of Cases on Information Technology Nov 08 2020 Annals of Cases on Information Technology provides a collection of case studies focusing on IT implementation in organizations. The cases included in Volume VI describe successful projects and offer advice on how to achieve these best practices. They also look at IT project failures and describe steps to avoid pitfalls in the path to successful IT utilization. The organizations described in this book represent small businesses, educational institutions, public and private corporations and describe many aspects of IT implementation including, e-commerce endeavors, intelligent technologies, enterprise resource planning and many other facets of emerging IT utilization.*

*Enterprise, Business-Process and Information Systems Modeling May 27 2022 This book contains the refereed proceedings of the 15th International Conference on Business Process Modeling, Development and Support (BPMDS 2014) and the 19th International Conference on Exploring Modeling Methods for Systems Analysis and Design (EMMSAD 2014), held together with the 26th International Conference on Advanced Information Systems Engineering (CAiSE 2014) in Thessaloniki, Greece, in June 2014. The 20 full papers accepted for BPMDS were selected from 48 submissions and cover a wide spectrum of issues related to business process development, modeling, and support. They are grouped into topical sections on business process modeling as a human-driven process, representing the human perspective of business processes, supporting humans in business processes, variability-enabling process models, various models for various process perspectives, and BPMDS in practice. The ten full and three short papers accepted for EMMSAD were chosen from 27 submissions and focus on exploring, evaluating, and enhancing modeling methods and methodologies for the analysis and design of information systems, enterprises, and business processes. They are grouped into sections on conceptual modeling, requirements modeling, business process modeling, goal and language action modeling, enterprise and business modeling, and new approaches.*

*Cases on Information Technology and Business Process Reengineering Oct 08 2020 "This book presents a wide range of issues and challenges related to business process reengineering technologies and systems through the use of case studies"--Provided by publisher.*  
*Information Systems Security Jan 23 2022 This book constitutes the refereed proceedings of the Second International Conference on Information Systems Security, ICISS 2006, held in Kolkata, India in December 2006. The 20 revised full papers and five short papers presented together with four invited papers and three ongoing project summaries were carefully reviewed and selected from 79 submissions. The papers discuss in depth the current state of the research and practice in information systems security.*

*Digitalization Across Organizational Levels Dec 30 2019 This book covers a broad range of topics related to digitalization. Specifically, it views digitalization across different organizational levels, such as the level of individuals, teams, processes, firms, and ecosystems. It includes a collection of recent research and reflections on the topic that helps to understand the technological foundations of digitalization and its impacts. It also reflects on the process of digitalization and how it changes established ways of working, collaborating, and coordinating. With this book, the editors and authors honor Professor Dr. Armin Heinzl for his enormous and ongoing contributions to information systems research, education, and practice.*

*Evaluating Information Systems Feb 21 2022 The adoption of Information Technology (IT) and Information Systems (IS) represents significant financial investments, with alternative perspectives to the evaluation domain coming from both the public and private sectors. As a result of increasing IT/IS budgets and their growing significance within the development of an organizational infrastructure, the evaluation and performance measurement of new technology remains a perennial issue for management. This book offers a refreshing and updated insight into the social fabric and technical dimensions of IT/IS evaluation together with insights into approaches used to measure the impact of information systems on its stakeholders. In doing so, it describes the portfolio of appraisal techniques that support the justification of IT/IS investments. Evaluating Information Systems explores the concept of evaluation as an evolutionary and dynamic process that takes into account the ability of enterprise technologies to integrate information systems within and between organisations. In particular, when set against a backdrop of organisational learning. It examines the changing portfolio of benefits, costs and risks associated with the adoption and diffusion of technology in today's global marketplace. Finally approaches to impact assessment through performance management and benchmarking is discussed.*

*Information Technology in Organisations and Societies Sep 06 2020 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.*

*Information Systems Research Aug 30 2022 Information Systems Research: Relevant Theory and Informed Practice comprises the edited proceedings of the WG8.2 conference, "Relevant Theory and Informed Practice: Looking Forward from a 20-Year Perspective on IS Research," which was sponsored by IFIP and held in Manchester, England, in July 2004. The conference attracted a record number of high-quality manuscripts, all of which were subjected to a rigorous reviewing process in which four to eight track chairs, associate editors, and reviewers thoughtfully scrutinized papers by the highly regarded as well as the newcomers. No person or idea was considered sacrosanct and no paper made it through this process unscathed. All authors were asked to revise the accepted papers, some more than once; thus, good papers got better. With only 29 percent of the papers accepted, these proceedings are significantly more*

*selective than is typical of many conference proceedings. This volume is organized in 7 sections, with 33 full research papers providing panoramic views and reflections on the Information Systems (IS) discipline followed by papers featuring critical interpretive studies, action research, theoretical perspectives on IS research, and the methods and politics of IS development. Also included are 6 panel descriptions and a new category of "bright idea" position papers, 11 in all, wherein main points are summarized in a pithy and provocative fashion.*

*Information Technology Auditing Jun 03 2020 An evolving agenda of Information Technology Auditing is subject of this book. The author presents various current and future issues in the domain of IT Auditing in both scholarly as well as highly practice-driven manner so as to make those issues clear in the mind of an IT auditor. The aim of the book is not to delve deep on the technologies but the impact of these technologies on practices and procedures of IT auditors. Among the topics are complex integrated information systems, enterprise resource planning, databases, complexities of internal controls, and enterprise application integration - all seen from an auditor's perspective. The book will serve a big purpose of support reference for an auditor dealing with the high-tech environment for the first time, but also for experienced auditors.*

*Advances in Information Systems Development Aug 18 2021 This volume carries the proceedings of the 15th International Conference on Information Systems Development (ISD). ISD progresses rapidly, continually creating new challenges. Progress in ISD comes from research as well as from practice. The aim of the Conference is to provide an international forum for the exchange of ideas and experiences between academia and industry, and to stimulate exploration of new solutions.*

*Enterprise Information Systems Design, Implementation and Management Jul 17 2021 "This book investigates the creation and implementation of enterprise information systems, covering a wide array of topics such as flow-shop scheduling, information systems outsourcing, ERP systems utilization, Dietz transaction methodology, and advanced planning systems"--Provided by publisher.*

*Advanced Principles for Improving Database Design, Systems Modeling, and Software Development Aug 25 2019 "This book presents cutting-edge research and analysis of the most recent advancements in the fields of database systems and software development"--Provided by publisher.*

*Databases and Information Systems VII May 15 2021 Conference held July 8-11, 2012, in Vilnius, Lithuania.*

*Advances in Databases and Information Systems Jun 27 2022 This book constitutes the proceedings of the 26th European Conference on Advances in Databases and Information Systems, ADBIS 2022, held in Turin, Italy, in September 2022. The 23 full papers presented together with 5 keynote and tutorial papers were carefully reviewed and selected from 90 submissions. The papers are organized in the following topical sections: keynote talk and tutorials; graph processing; time series and data streams; on line analytical processing; advanced querying; performance; machine learning; data science methods.*

*Legal Knowledge and Information Systems Apr 25 2022 This volume contains the proceedings of the seventeenth Jurix conference on Legal Knowledge and Information Systems (Jurix 2004), which was held at the Harnack Haus of the Max Planck Society, in Berlin, Germany. Although the Jurix conference moved from The Netherlands to Germany, almost half of the papers are from The Netherlands. Except for a paper from Canada, the others are from 5 other countries in Western Europe. The effort to extend Jurix beyond The Netherlands and establish it as the leading European conference on legal knowledge systems is making progress. The papers in this publication focus on the topics of legal knowledge management and information retrieval; legal knowledge acquisition using natural language processing; legal ontologies; case-based reasoning; reasoning about evidence and legal reasoning support.*

*Frontiers in Enterprise Integration Jul 29 2022 Enterprise Information Systems (EIS) integrate and support business processes across functional boundaries in a supply chain environment, and have become increasingly popular over the last 15 years. In recent years, more and more enterprises world-wide have adopted EIS such as Enterprise Resource Planning (ERP) for running their businesses. Previously, information systems such as CAD, CAM, MRPII and CRM were widely used for partial functional integration within a business organization. With global operation, global supply chain, and fierce competition in place, there is a need for suitable EIS such as ERP, E-Business or E-Commerce systems to integrate extended enterprises in a supply chain environment with the objective of achieving efficiency, competency, and competitiveness. As a result, there is a growing demand for researching EIS to provide insights into challenges, issues, and solutions related to the design, implementation and management of EIS. The papers in Advances in Enterprise Information Systems were selected from two premier international conferences: the International Forum of Information Systems Frontiers—Xian International Symposium (IFISF), June 29-30, 2006, Xian, China and the IFIP TC 8.9 International Conference on Research and Practical Issues of Enterprise Information Systems (Confenis 2007), October 14-16, Beijing, China. Both events provided an excellent opportunity for EIS academicians and practitioners in the world to gather and exchange ideas, and present original research in their fields. Advances in Enterprise Information Systems will be invaluable to scientists, researchers and professionals in EIS.*

*Collaboration Systems Oct 27 2019 This volume emphasises knowledge transfer from the lab to the field and describes collaboration technology through three lenses: Proof of Concept, Proof of Value, and Proof of Use. The contributors focus on work practices that extend collaboration into a structured form where groups can work together to solve real-world complex problems. As with the other AMIS volumes, the contributors comprise internationally known experts in the field of Information Systems. Includes online access.*

*Global Implications of Modern Enterprise Information Systems: Technologies and Applications Jan 11 2021 "This book presents useful strategies, techniques, and tools for the successful design, development, and implementation of enterprise information systems"--Provided by publisher.*

*formal-ontology-in-information-systems-frontiers-in-artificial-intelligence-and-applications*

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