

Perspectives In Business Informatics Research 13th International Conference Bir 2014 Lund Sweden September 22 24 2014 Proceedings Lecture Notes In Business Information Processing

The IEEE Conference Series on Business Informatics is the leading international forum for state of the art research in Business Informatics The 22nd IEEE CBI 2020, held in the city of Antwerp, calls for submissions in the multidisciplinary field of Business Informatics, and welcomes a multitude of theoretical and practical perspectives and mind sets on today s challenges of the digital transformation

This book constitutes the proceedings of the 19th International Conference on Perspectives in Business Informatics Research, BIR 2020. The conference was initially planned to be held in Vienna, Austria, during September 2020. Due to the COVID-19 pandemic it was postponed to be held together with BIR 2021. The 14 papers presented in this volume were carefully reviewed and selected from 48 submissions. The papers were organized in topical sections as follows: Digital Transformation and Technology Acceptance; Multi-perspective Enterprise Models and Frameworks; Supporting Information Systems Development; Literature and Conceptual Analysis; and Value Creation and Value Management.

Over the decades, the fields of health information systems and informatics have seen rapid growth. Such integrative efforts within the two disciplines have resulted in emerging innovations within the realm of medicine and healthcare. The Handbook of Research on Emerging Perspectives on Healthcare Information Systems and Informatics provides emerging research on the innovative practices of information systems and informatic software in providing efficient, safe, and impactful healthcare systems. While highlighting topics such as conceptual modeling, surveillance data, and decision support systems, this handbook explores the applications and advancements in technological adoption and application of information technology in health institutions. This publication is a vital resource for hospital administrators, healthcare professionals, researchers, and practitioners seeking current research on health information systems in the digital era.

BIR 2010

Capability Management Guide

Innovative Perspectives

Perspectives in Business Informatics Research

13th International Conference, BIR 2014, Lund, Sweden, September 22-24, 2014, Proceedings

Putting capability management into practice requires both a solid theoretical foundation and realistic approaches. This book introduces a development methodology that integrates business and information system development and run-time adjustment based on the concept of capability by presenting the main findings of the CaaS project – the Capability-Driven Development (CDD) methodology, the architecture and components of the CDD environment, examples of real-world applications of CDD, and aspects of CDD usage for creating business value and new opportunities. Capability thinking characterizes an organizational mindset, putting capabilities at the center of the business model and information systems development. It is expected to help organizations and in particular digital enterprises to increase flexibility and agility in adapting to changes in their economic and regulatory environments. Capability management denotes the principles of how capability thinking should be implemented in an organization and the organizational means. This book is intended for anyone who wants to explore the opportunities for developing and managing context-dependent business capabilities and the supporting business services. It does not require a

detailed understanding of specific development methods and tools, although some background knowledge and experience in information system development is advisable. The individual chapters have been written by leading researchers in the field of information systems development, enterprise modeling and capability management, as well as practitioners and industrial experts from these fields.

Perspectives in the Development of Mobile Medical Information Systems: Life Cycle, Management, Methodological Approach and Application discusses System Development Life Cycle (SDLC) thoroughly, focusing on Mobile Healthcare Information Systems (M-HIS). Covering all aspect of M-HIS development, the book moves from modeling, assessment, and design phases towards prototype phase. Topics such as mobile healthcare information system requirements, model identification, user behavior, system analysis and design are all discussed. Additionally, it covers the construction, coding and testing of a new system, and encompasses a discussion on future directions of the field. Based on an existing mobile cardiac emergency system used as a real case throughout the chapters, and unifying and clarifying the various processes and concepts of SDLC for M-HIS, this book is a valuable source for medical informaticians, graduate students and several members of biomedical and medical fields interested in medical information systems. Presents a system development life cycle that can be used for developing different kinds of systems others than health related and also can be used for educational purposes Includes behavioral studies in the system development life cycle to assist in the design of systems with consideration of users ' behavior, which is even more important for medical systems Uses a real mobile cardiac emergency system as an example for systems development

This book constitutes the refereed and revised proceedings of the workshops and the doctoral consortium co-located with the 10th International Conference on Perspectives in Business Informatics Research (BIR), held in Riga, Latvia, in October 2011. The four workshops focused on Information Logistics and Knowledge Supply for Viable Enterprises (ILOG 2011), Alignment of Business Processes and Security Modeling (ABPSM 2011), Intelligent Educational Systems and Technology-Enhanced Learning (INTEL-EDU 2011), and User-Oriented Information Integration (UOII 2011). The two best papers from the doctoral consortium are also included.

2021 IEEE 23rd Conference on Business Informatics (CBI)

Perspectives in the Development of Mobile Medical Information Systems

Emerging Trends in the Evolution of Service-Oriented and Enterprise Architectures

Service Science, Management and Engineering

16th International Conference, BIR 2017, Copenhagen, Denmark, August 28 – 30, 2017, Proceedings

This book constitutes the proceedings of the 16th International Conference on Perspectives in Business Informatics Research, BIR 2017, held in Copenhagen, Denmark, in August 2017. This year the BIR conference attracted 59 submissions from 23 countries. They were reviewed by 45 members of the Program Committee, and as a result, 17 full papers and 3 short papers were selected for presentation at the conference and publication in this volume. They are organized in sections on enterprise architecture, business process management, business analytics, information systems applications, and information systems development. In addition, the summaries of the two conference keynotes are also included. This year, the conference theme was the digital transformation, which will impact most businesses,

organizations and societies and call for new and radical approaches to how we adopt, use and manage IT.

This book constitutes the proceedings of the 15th International Conference on Perspectives in Business Informatics Research, BIR 2016, held in Prague, Czech Republic, in September 2016. Overall, 61 submissions from 16 countries were rigorously reviewed by 42 members of the program committee representing 21 countries. The selected 21 full papers and 3 short papers are included in this volume together with 2 abstracts of invited talks. This year again, the papers presented at the conference cover many important aspects of the development, use, and application of management information systems. The papers have been organized in topical sections on Business Processes and Enterprise Modeling; Information Systems Development; Information Systems Management; Learning and Capability; and Data Analysis. Healthcare providers require timely and accurate information about their patients. As such, a great amount of effort and resources are spent to ensure that the right information is presented to the right people at the right time. Research Perspectives on the Role of Informatics in Health Policy and Management focuses on the advancements of Health Information Science in order to solve current and forthcoming problems in the health sector. Managers, policy makers, researchers, and Masters and PhD students in healthcare related fields will use this book to provide necessary insight on healthcare delivery and also to inspire new ideas and practices to effectively provide patients with the greatest quality care.

Workshops on Business Informatics Research

BIR 2011 International Workshops and Doctoral Consortium, Riga, Latvia, October 6, 2011 Revised Selected Papers

18th International Conference, BIR 2019, Katowice, Poland, September 23-25, 2019, Proceedings

Research Perspectives on the Role of Informatics in Health Policy and Management

New Dimensions of Business Reporting and XBRL

Papers in this unique volume were developed from the 2006 conference hosted by IBM, Service Science, Management, and Engineering (SSME) – Education for the 21st Century. The book incorporates a variety of perspectives, informed by an international background in SSME experience and education, including management, business, social science, computer science and engineering. Readers will derive an understanding of education needs and program offerings in SSME.

This book constitutes the refereed proceedings of the 10th International Conference on Perspectives in Business Informatics Research (BIR), held in Riga, Latvia, in October 2011. The 25 full papers accepted for this volume were selected from 68 submissions. In addition, two invited papers presented at the conference are also included. The papers have been organized in topical sessions on business intelligence and performance management, data and processes, ontologies, architectures, stakeholders' perspectives, Web information systems and services, and systems approach.

This book constitutes the proceedings of the 18th International Conference on Perspectives in Business Informatics Research, BIR 2019, held in Katowice, Poland, in September 2019. This year's theme was: Responsibilities of Digitalization – Responsible designing and shaping of future technology for digital preservation, global data storage and cost-effective management. The 17 papers presented in this volume were carefully reviewed and selected from 74 submissions. This year the contributions focus on topics such as: responsibilities of digitalization; responsible designing and shaping the future of technology for digital preservation, global data storage and cost-effective management.

10th International Conference, BIR 2011, Riga, Latvia, October 6-8, 2011, Proceedings
15th International Conference, BIR 2016, Prague, Czech Republic, September 15-16, 2016, Proceedings

12th International Conference ; Proceedings
Managerial and Theoretical Perspectives
Education for the 21st Century

This book constitutes the proceedings of the 21st International Conference on Perspectives in Business Informatics Research, BIR 2022, which took place in Rostock, Germany, in September 2022. The central theme of BIR 2022 was “ Business Informatics for Sustainable Innovation ” . Achieving sustainability requires a multi-perspective approach taking organizational, economic, and technical aspects into account. In a world of cloud computing, social networks and big data, additional challenges for business informatics and the design of information systems architectures are introduced. To deal with these challenges, a close cooperation of researchers from different disciplines such as information systems, business informatics, and computer science is required. The 14 papers presented in this volume were carefully reviewed and selected from 41 submissions. They were organized in topical sections as follows: Information system development; modeling methods and assistance; applications and technologies; and digital business.

"This book provides both business and IT professionals a reference for practices and guidelines to service innovation in logistics and supply chain management"--Provided by publisher.

This book constitutes a collection of selected contributions from the 11th International Conference on Perspectives in Business Informatics Research, BIR 2012, held in Nizhny Novgorod, Russia, in September 2012. The 15 papers presented in this volume were carefully reviewed and selected from 36 submissions. They have been organized in topical sections on: knowledge management and the Semantic Web; business and information systems development; business, people, and systems interoperability; and business intelligence.

New Trends in the Age of Digital Change

Proceedings of the BIR 2004 Conference, October 4 - 5, 2004, Rostock, Germany

Local Proceedings of the 9th International Conference on Perspectives in Business Informatics Research ; Rostock, Germany September 29th to October 1st 2010

9th International Conference, BIR 2010, Rostock, Germany, September 29--October 1, 2010, Proceedings

18th International Conference, BIR 2019, Katowice, Poland, September 23 – 25, 2019, Proceedings

This book constitutes the proceedings of the 13th International Conference on Perspectives in Business Informatics Research, BIR 2014, held in Lund, Sweden, in September 2014. Overall, 71 submissions were rigorously reviewed by 55 members of the Program Committee representing 22 countries. As a result, 27 full papers have been selected for publication in this volume. The papers cover many aspects of business information research and have been organized in topical sections on: business, people, and systems; business and information systems development; and contextualized evaluation of business informatics.

This book constitutes the proceedings of the 18th International Conference on Perspectives in Business Informatics Research, BIR 2019, held in Katowice, Poland, in September 2019. This year's theme was: Responsibilities of Digitalization? Responsible designing and shaping of future technology for digital preservation, global data storage and cost-effective management. The 17 papers presented in this volume were carefully reviewed and selected from 74 submissions. This year the contributions focus on topics such as: responsibilities of digitalization; responsible designing and shaping the future of technology for digital preservation, global data storage and cost-effective management.

This book constitutes the proceedings of the 20th International Conference on Perspectives in Business Informatics Research, BIR 2021. The conference was held during September 22-24, 2021. The 16 papers presented in this volume were carefully reviewed and selected from 49 submissions. They were organized in topical sections as follows: Technology adoption and acceptance during COVID-19 times; conceptual modeling for enterprise systems; enterprise modeling methods and frameworks; compliance and normative challenges; and empirical investigations on digital innovation and transformation prerequisites. .

Service Science and Logistics Informatics: Innovative Perspectives

Business Information Systems and Technology 4.0

14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015, Proceedings

Life Cycle, Management, Methodological Approach and Application

New Perspectives in Information Systems and Technologies, Volume 1

The IEEE Conference Series on Business Informatics is the leading international forum for state of the art research in Business Informatics

The 24th IEEE CBI 2020, held in the city of Amsterdam, calls for submissions in the multidisciplinary field of Business Informatics, and welcomes a multitude of theoretical and practical perspectives and mind sets on today's challenges of the digital transformation

This book constitutes the proceedings of the 21st International Conference on Perspectives in Business Informatics Research, BIR 2022, which took place in Rostock, Germany, in September 2022. The central theme of BIR 2022 was "Business Informatics for Sustainable Innovation". Achieving sustainability requires a multi-perspective approach taking organizational, economic, and technical aspects into account. In a world of cloud computing, social networks and big data, additional challenges for business informatics and the design of information systems architectures are introduced. To deal with these challenges, a close cooperation of researchers from different disciplines such as information systems, business informatics, and computer science is required. The 14 papers presented in this volume were carefully reviewed and selected from 41 submissions. They were organized in topical sections as follows: Information system development; modeling methods and assistance; applications and technologies; and digital business.

This book constitutes the refereed proceedings of the 9th International Conference on Perspectives in Business Informatics Research (BIR)

in Rostock, Germany, in September 2010. The 14 full and 4 short papers accepted for BIR were selected from 53 submissions. They are organized in topical sessions on knowledge and information management; ontologies; models and workflows; business information systems; and databases and mobile computing .

21st International Conference on Business Informatics Research, BIR 2022, Rostock, Germany, September 21-23, 2022, Proceedings
11th International Conference, BIR 2012, Nizhny Novgorod, Russia, September 24-26, 2012, Proceedings

2020 IEEE 22nd Conference on Business Informatics (CBI)

Handbook of Research on Emerging Perspectives on Healthcare Information Systems and Informatics

20th International Conference on Business Informatics Research, BIR 2021, Vienna, Austria, September 22-24, 2021, Proceedings

This book constitutes the proceedings of the 14th International Conference on Perspectives in Business Informatics Research, BIR 2015, held in Tartu, Estonia, in August 2015. Overall, 49 submissions from 16 countries were rigorously reviewed by 47 members of the Program Committee representing 23 countries. The selected 16 full papers and 4 short papers are included in this volume. The conference theme was "making business information systems interoperable and adaptive in highly interconnected and changing contexts". The papers have been organized in topical sections on business information systems interoperability, business information system requirements and architecture, business process and decision management, business information systems development, and research in progress.

The authors of this book analyse the social and technical nature and role of XBRL in information supply chains and capital markets as well as the XBRL standard and taxonomies. They provide a critical view of XBRL from a research perspective, present different projects in the XBRL area and indicate future directions for XBRL research. Current research questions are taken up and discussed from different perspectives. From a technical point of view, the spectrum encompasses the internal perspective up to the final user layer. Apart from these technical issues, there are also key socio-technical aspects which are vital to the understanding of XBRL use.

This book discusses digitalization trends and their concrete applications in business and societal contexts. It summarizes new findings from research, teaching and management activities comprising digital transformation, e-business, the representation of knowledge, human – computer interaction and business optimization. The trends discussed include artificial intelligence, virtual reality, robotics, blockchain, and many more. Professors and researchers who conduct research and teach at the interface between academia and business present the latest advances in their field. The book adopts the philosophy of applied sciences and combines both rigorous research and practical applications. As such, it addresses the needs of both professors and researchers, who are constantly seeking inspiration, and of managers seeking to tap the potential of the latest trends to take their business to the next level. Readers will find answers to pressing questions that arise in their daily work.

Capability Management in Digital Enterprises

19th International Conference on Business Informatics Research, BIR 2020, Vienna, Austria, September 21 – 23, 2020, Proceedings
Research EU.

21st International Conference on Business Informatics Research, BIR 2022, Rostock, Germany, September 21 – 23, 2022, Proceedings

Toward True Executive Support

This book constitutes a collection of selected contributions from the 12th International Conference on Perspectives in Business Informatics Research, BIR 2013, held in Warsaw, Poland, in September 2013. Overall, 54 submissions were rigorously reviewed by 41 members of the Program Committee representing 21 countries. As a result, 19 full and 5 short papers from 12 countries have been selected for publication in this volume. This book also includes the two keynotes by Witold Abramowicz and Bernhard Thalheim. The papers cover many aspects of business information research and have been organized in topical sections on: business process management; enterprise and knowledge architectures; organizations and information systems development; information systems and services; and applications.

This book constitutes the proceedings of the 17th International Conference on Perspectives in Business Informatics Research, BIR 2018, held in Stockholm, Sweden, in September 2018. This year's conference theme was "Business Resilience – Organizational and Information System Resilience in Congruence". The 17 papers presented in this volume were carefully reviewed and selected from 50 submissions. The papers were organized in topical sections named: business, people and system resilience; resilient collaboration; digital transformation; information technology management; enterprise systems and data analytics; and business and information systems development.

This book investigates what enterprises can do and/or what should it be capable of in order to accelerate organizational changes. Therefore, a capability-based method is developed, which assists in the identification, structuring and management of capabilities. The approach is embedded in a process comprising four building blocks that provide appropriate procedures, concepts and supporting tools evolved from theory and practical use cases. The guide represents a flexible method for capability newcomers and experienced audiences to optimize enterprises' economic impacts of EAM supporting the alignment of business and IT.

Method Support for Enterprise Architectures Management

17th International Conference, BIR 2018, Stockholm, Sweden, September 24-26, 2018, Proceedings

20th International Conference on Business Informatics Research, BIR 2021, Vienna, Austria, September 22 – 24, 2021, Proceedings

12th International Conference, BIR 2013, Warsaw, Poland, September 23-25, 2013, Proceedings

15th International Conference, BIR 2016, Prague, Czech Republic, September 15-19, 2016, Proceedings

This book presents emerging trends in the evolution of service-oriented and enterprise architectures. New architectures and methods of both business and IT are integrating services to support mobility systems, Internet of Things, Ubiquitous Computing, collaborative and adaptive business processes, Big Data, and Cloud ecosystems. They inspire current and future digital strategies and create new opportunities for the digital transformation of next digital products and services. Services Oriented Architectures (SOA) and Enterprise Architectures (EA) have emerged as a useful framework for developing interoperable, large-scale systems, typically implementing various standards, like Web Services, REST, and Microservices. Managing the adaptation and evolution of such systems presents a great challenge. Service-Oriented Architecture enables flexibility through loose coupling, both between the services themselves and between the IT organizations that manage them. Enterprises evolve continuously by transforming and extending their services, processes and information systems. Enterprise Architectures provide a holistic blueprint to help define the structure and operation of an organization with the goal of determining how an organization can most effectively achieve its objectives. The book proposes several approaches to

address the challenges of the service-oriented evolution of digital enterprise and software architectures.

This book contains a selection of articles from The 2014 World Conference on Information Systems and Technologies (WorldCIST'14), held between the 15th and 18th of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; Human-Computer Interaction; Health Informatics and Information Technologies in Education.

This book constitutes the proceedings of the 20th International Conference on Perspectives in Business Informatics Research, BIR 2021. The conference was held during September 22-24, 2021. The 16 papers presented in this volume were carefully reviewed and selected from 49 submissions. They were organized in topical sections as follows: Technology adoption and acceptance during COVID-19 times; conceptual modeling for enterprise systems; enterprise modeling methods and frameworks; compliance and normative challenges; and empirical investigations on digital innovation and transformation prerequisites.

2022 IEEE 24th Conference on Business Informatics (CBI)

Results magazine