
Business Information
Systems Workshops
Bis 2015
International
Workshops Poznan
Poland June 24 26
2015 Revised Papers
Lecture Notes In
Business Information
Processing

BIS '99

eBook Business Information Systems, 5 edn

Business Information Systems

Information Systems for Business and Beyond

Developments in Information and Knowledge

Management Systems for Business Applications

Business Information Systems Workshops

Business Information Systems

Trust, Digital Business and Technology
BIS 2008
Business Information Systems Workshops
Fundamentals of Business Information Systems
Business Information Systems Workshops
Business Information Systems
Business Information Systems Workshops
Handbook of Research on Smart Technology
Models for Business and Industry
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Re-conceptualizing Enterprise Information
Systems
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Research and Practical Issues of Enterprise
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Business Information Systems Workshops
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Online Course Pack: Business Information
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Data Science: New Issues, Challenges and
Applications
Business Information Systems Workshops
How to Develop Business Information Systems for
End Users
Business Information Systems
Business Information Systems Workshops
Information Systems Architecture and
Technology: Proceedings of 39th International
Conference on Information Systems Architecture
and Technology - ISAT 2018

Information Systems Architecture and
Technology: Proceedings of 38th International
Conference on Information Systems Architecture
and Technology – ISAT 2017
Business Information Systems Workshops
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Introduction to Business Information Systems
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JAIR DEVYN

BIS '99

Pearson
Higher Ed
This book
contains 16
chapters by
researchers
working in

various fields
of data
science. They
focus on
theory and
applications in
language
technologies,
optimization,
computational
thinking,
intelligent
decision
support
systems,
decomposition
of signals,
model-driven
development
methodologies
,
interoperabilit
y of enterprise
applications,
anomaly
detection in
financial
markets, 3D
virtual reality,
monitoring of
environmental
data,
convolutional
neural
networks,
knowledge

storage, data stream classification, and security in social networking. The respective papers highlight a wealth of issues in, and applications of, data science. Modern technologies allow us to store and transfer large amounts of data quickly. They can be very diverse - images, numbers, streaming, related to human behavior and physiological parameters, etc. Whether

the data is just raw numbers, crude images, or will help solve current problems and predict future developments, depends on whether we can effectively process and analyze it. Data science is evolving rapidly. However, it is still a very young field. In particular, data science is concerned with visualizations, statistics, pattern recognition, neurocomputing, image analysis, machine

learning, artificial intelligence, databases and data processing, data mining, big data analytics, and knowledge discovery in databases. It also has many interfaces with optimization, block chaining, cyber-social and cyber-physical systems, Internet of Things (IoT), social computing, high-performance computing, in-memory key-value stores, cloud computing,

social computing, data feeds, overlay networks, cognitive computing, crowdsource analysis, log analysis, container-based virtualization, and lifetime value modeling. Again, all of these areas are highly interrelated. In addition, data science is now expanding to new fields of application: chemical engineering, biotechnology, building energy management, materials microscopy, geographic research, learning analytics, radiology, metal design, ecosystem homeostasis investigation, and many others.

eBook Business Information Systems, 5 edn Springer
Welcome to BIS'99!
Business Information Systems 99 is an international conference being held for the third time. BIS'99 aims to discuss the development, implementatio

n, application and improvement of computer systems for business processes. It is addressed to the scientific community, people involved in the development of business computer applications, and to consultants helping to properly implement computer technology and applications in industry. Over 50 selected papers will be presented at BIS'99 during the scientific and practical

sessions. The papers deal with a variety of topics related to computer systems in management, from the point of view of their application (e.g., electronic commerce), their business or industrial users (e.g., business process re-engineering), and technology (e.g., data warehousing). The submitted papers underwent a rigorous reviewing process, and the resulting

program should provide an outstanding representation of international research in this area. We believe that BIS'99 will provoke some interesting international discussion amongst participants, particularly as this meeting includes a number of invited lectures by international experts in the area. The BIS'99 international Program Committee was composed of 53

scientists from diverse locations - from the USA to Australia, from countries with a stable economy through to those undergoing economic transformation . This aspect further helps to enrich the conference program.

Business Information Systems

CreateSpace

This book constitutes the refereed proceedings of the five workshops that were organized in conjunction with the

International Conference on Business Information Systems, BIS 2015, which took place in Poznan, Poland, in June 2015. The 26 papers in this volume were carefully reviewed and selected from 56 submissions and were revised and extended after the event. The workshop topics covered knowledge-based business information systems (AKTB), business and IT alignment (BITA), transparency-enhancing technologies and privacy dashboards (PTDCS), semantics usage in enterprises (FSFE), and issues related to DBpedia. In addition two keynote papers are included in this book. *Information Systems for Business and Beyond* Springer This new international edition of *Fundamentals of Business Information Systems* continues to offer a concise overview of information systems fundamentals, using the same nine-chapter format as the original US text, but with new content and global examples threaded throughout. Seasoned authors Ralph Stair and George Reynolds are joined by Thomas Chesney (Nottingham University Business School) and together they weave the fundamentals of managing information systems into

an understandable and engaging text that is mapped specifically to the requirements of students studying in the United Kingdom, Europe, Middle East and Africa. As with the original United States editions, this text covers the fundamentals of any introductory Management / Business Information Systems (MIS/BIS) course, drawing on

material from the new international flagship text, Principles of Business Information Systems, published contemporaneously. By taking the best material from Principles of Business Information Systems and condensing it into nine chapters, this text is particularly suitable for shorter courses or those involving less detail while still requiring a comprehensive

survey of the core concepts that make up modern information systems courses. Developments in Information and Knowledge Management Systems for Business Applications Springer This three-volume set of books presents advances in the development of concepts and techniques in the area of new technologies and contemporary

information system architectures. It guides readers through solving specific research and analytical problems to obtain useful knowledge and business value from the data. Each chapter provides an analysis of a specific technical problem, followed by the numerical analysis, simulation and implementation of the solution to the problem. The books constitute the refereed proceedings of the 2017 38th International Conference "Information Systems Architecture and Technology," or ISAT 2017, held on September 17-19, 2017 in Szklarska Poręba, Poland. The conference was organized by the Computer Science and Management Systems Departments, Faculty of Computer Science and Management, Wroclaw University of Technology, Poland. The papers have been organized into topical parts: Part I— includes discourses on topics including, but not limited to, Artificial Intelligence Methods, Knowledge Discovery and Data Mining, Big Data, Knowledge Discovery and Data Mining, Knowledge Based Management, Internet of Things, Cloud Computing and High Performance Computing, Distributed Computer

<p>Systems, Content Delivery Networks, and Service Oriented Computing. Part II—addresses topics including, but not limited to, System Modelling for Control, Recognition and Decision Support, Mathematical Modelling in Computer System Design, Service Oriented Systems and Cloud Computing and Complex Process Modeling. Part III—deals with</p>	<p>topics including, but not limited to, Modeling of Manufacturing Processes, Modeling an Investment Decision Process, Management of Innovation, Management of Organization. Business Information Systems Workshops Springer Nature A comprehensiv e introduction to the technology, development and management of business information systems. The</p>	<p>book assumes no prior knowledge of IS or IT, so that new concepts and terms are defined as clearly as possible, with explanations in the text, and definitions at the margin. In this fast- moving area, the book covers both the crucial underpinnings of the subject as well as the most recent business and technology applications. It is written for students on any IS, BIS or MIS course from undergraduat</p>
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<p>e to postgraduate and MBA level within a Business or Computer Science Department. <i>Business Information Systems</i> Springer Science & Business Media This book constitutes revised papers from the eight workshops which were held during June 2021 at the 24th International Conference on Business Information Systems, BIS 2021. The conference was planned</p>	<p>to take place in Hannover, Germany, and changed to a fully online event due to the COVID-19 pandemic. There was a total of 67 submissions to all workshops of which 31 papers were accepted for publication. The workshops included in this volume are: AKTB 2021: 12th Workshop on Applications of Knowledge-Based Technologies in Business; BisEd 2021: BIS Education: Trends and</p>	<p>Challenges; DigBD 2021: 1st Workshop on Digitization in the Flux of Big Data Scenarios; DigEx 2021: 3rd International Workshop on transforming the Digital Customer Experience; iCRM 2021: 6th International Workshop on Integrated Social CRM; QOD 2021: 4th Workshop on Quality of Open Data; BITA 2021: 12th Workshop on Business and IT Alignment; BSCT 2021: 4th Workshop</p>
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on Blockchain and Smart Contract Technologies. Trust, Digital Business and Technology Springer This book constitutes revised papers from the nine workshops and one accompanying event which took place at the 22nd International Conference on Business Information Systems, BIS 2019, held in Seville, Spain, in June 2019. There was a total of 139 submissions to all workshops of which 57

papers were accepted for publication. The workshops included in this volume are: AKTB 2019: 11th Workshop on Applications of Knowledge-Based Technologies in Business BITA 2019: 10th Workshop on Business and IT Alignment BSCT 2019: Second Workshop on Blockchain and Smart Contract Technologies DigEX 2019: First International Workshop on transforming

the Digital Customer Experience iCRM 2019: 4th International Workshop on Intelligent Data Analysis in Integrated Social CRM iDEATE 2019: 4th Workshop on Big Data and Business Analytics Ecosystems ISMAD 2019: Workshop on Information Systems and Applications in Maritime Domain QOD 2019: Second Workshop on Quality of Open Data SciBOWater 2019: Second Workshop on Scientific

Challenges and Business Opportunities in Water Management <u>BIS 2008</u> Springer Nature This book constitutes the proceedings of the nine workshops that were organized in conjunction with the Business Information Systems Conference, BIS 2009, taking place in Poznan, Poland, on April 27-29, 2009. The 34 papers presented were carefully reviewed and	selected from 72 submissions. In addition, the volume contains the BIS 2009 keynote speech and two invited speeches presented at the workshops LIT and ECONOM/Enterprise X.0. The topics covered are DeepWeb (ADW), applications and economics of knowledge-based technologies (AKTB, ECONOM), service-oriented architectures (SDS-SOA), legal IT (LIT),	social Web and Web 2.0 (SAW, Enterprise X.0), e-learning (EeLT), and enterprise systems in higher education (ESHE). <i>Business Information Systems Workshops</i> Springer This book constitutes the proceedings of the nine workshops that were organized in conjunction with the Business Information Systems Conference, BIS 2009,
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taking place in Poznan, Poland, on April 27-29, 2009. The 34 papers presented were carefully reviewed and selected from 72 submissions. In addition, the volume contains the BIS 2009 keynote speech and two invited speeches presented at the workshops LIT and ECONOM/Enterprise X.0. The topics covered are DeepWeb (ADW), applications and economics of knowledge-

based technologies (AKTB, ECONOM), service-oriented architectures (SDS-SOA), legal IT (LIT), social Web and Web 2.0 (SAW, Enterprise X.0), e-learning (EeLT), and enterprise systems in higher education (ESHE).

Fundamentals of Business Information Systems
Springer Nature
Presented here is a diagnosis of problems organizations

commonly face when delivering computer and information services, followed by prescriptions for solutions. *Business Information Systems Workshops* Springer Thought-provoking and accessible in approach, this updated and expanded second edition of the *Business Information Systems: The Ultimate Training Course* provides a user-friendly introduction to the subject,

Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book

useful in shaping your future career. Feel free to send us your enquiries related to our publications to info@smpress.co.uk Science & Management Press of London Business Information Systems Cengage Learning This book constitutes revised papers from the seven workshops and one accompanying event which took place at the 21st International Conference on

Business Information Systems, BIS 2018, held in Berlin, Germany, in July 2018. Overall across all workshops, 58 out of 122 papers were accepted. The workshops included in this volume are: AKTB 2018 - 10th Workshop on Applications of Knowledge-Based Technologies in Business BITA 2018 - 9th Workshop on Business and IT Alignment BSCT 2018 - 1st Workshop on Blockchain and Smart

<p>Contract Technologies IDEA 2018 - 4th International Workshop on Digital Enterprise Engineering and Architecture IDEATE 2018 - 3rd Workshop on Big Data and Business Analytics Ecosystems SciBOWater 2018 - Scientific Challenges & Business Opportunities in Water Management QOD 2018 - 1st Workshop on Quality of Open Data In addition, one keynote speech in full-</p>	<p>paper length and contributions from the Doctoral Consortium are included <i>Business Information Systems Workshops</i> Springer Science & Business Media This book constitutes the refereed proceedings of the four workshops that were organized in conjunction with the International Conference on Business Information Systems, BIS 2012, which took place in</p>	<p>Vilnius, Lithuania, May 21-23, 2012. In addition, the papers from the Future Internet Symposium, which was organized in conjunction with BIS 2012, are also included. BIS workshops give researchers the opportunity to share their preliminary ideas and first experimental results, and discuss research hypotheses with a highly focused audience. The 24 papers</p>
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were carefully reviewed and selected from 63 submissions and were revised and extended after the event. The workshop topics covered applications and economics of knowledge-based technologies (AKTB), business and IT alignment (BITA), enterprise systems for higher education (ESHE), and formal semantics for future enterprises (FSFE). In addition, one invited paper from BITA is also included in this volume. *Handbook of Research on Smart Technology Models for Business and Industry* Springer Science & Business Media Trust, Digital Business and Technology: Issues and Challenges presents and discusses the main issues and challenges related to digital trust and information technologies. The subject of trust is relevant to both practitioners and researchers. It is widely recognized and confirmed that trust, especially mutual trust, when it is built at the right level, reduces the risk of interaction and increases the collaboration between partners. Readers will gain from this book theoretical and practical knowledge on digital trust; theoretically, well-grounded knowledge on digital trust

and related concepts, empirically validated by practice. Most authors have taken innovative approaches to consider issues highlighting a selected aspect of the core theme of this book. The intended audiences of this book are professionals, scholars, and students.

Business Information Systems Workshops

Financial Times/Prentice Hall
By highlighting ongoing

progress in structural management, this book of our subseries encourages further research regarding the subject.

Companies need sustainable solutions to the pressure to deal with high levels of risk and uncertainty.

Many companies face this challenge and, therefore, must find new ways to deal with it. These solutions are often based on digital-influenced techniques.

Previously understood knowledge, technologies, and data provide a huge assist with this goal.

Re-conceptualizing Enterprise Information Systems

Springer
This book constitutes revised papers from the five workshops which were held during June 2020 at the 23rd International Conference on Business Information Systems, BIS 2020. The conference was planned

to take place in Colorado Springs, CO, USA. Due to the COVID-19 pandemic it changed to a virtual format. There was a total of 54 submissions to all workshops of which 26 papers were accepted for publication. The workshops included in this volume are: BITA 2020: 11th Workshop on Business and IT Alignment BSCT 2020: 3rd Workshop on Blockchain and Smart Technologies DigEX 2020: 2nd International Workshop on transforming the Digital Customer Experience iCRM 2020: 5th International Workshop on Intelligent Data Analysis in Integrated Social CRM QOD 2020: 3rd Workshop on Quality of Open Data **Business Information Systems Workshops** Springer Advances in machine learning techniques and ever-increasing computing power has helped create a new generation of hardware and software technologies with practical applications for nearly every industry. As the progress has, in turn, excited the interest of venture investors, technology firms, and a growing number of clients, implementing intelligent automation in both physical and information systems has become a must in

business. Handbook of Research on Smart Technology Models for Business and Industry is an essential reference source that discusses relevant abstract frameworks and the latest experimental research findings in theory, mathematical models, software applications, and prototypes in the area of smart technologies. Featuring research on topics such as digital security, renewable energy, and intelligence management, this book is ideally designed for machine learning specialists, industrial experts, data scientists, researchers, academicians, students, and business professionals seeking coverage on current smart technology models. Business Information Systems Springer After describing the functions of the PC and the role of computers in local and global networks, the authors explain the fundamentals of data management, as well as the support of firms' functions and processes through information processing. The concepts utilized are deployed in a multitude of modern and integrated application systems in manufacturing and service industries. These application

examples make up the core of the book. Many application examples illustrate the methodologies addressed. Research and Practical Issues of Enterprise Information Systems IGI Global This book constitutes the refereed proceedings of the four workshops that were organized in conjunction with the International Conference on Business Information Systems, BIS 2010, which took place in Berlin, Germany, May 3-5, 2010. The 33 papers presented were carefully reviewed and selected from 74 submissions. In addition, the volume includes the invited keynote for the LIT workshop. The topics covered are applications and economics of knowledge-based technologies (ILOG), business and IT alignment (BITA), information logistics (ILOG), and legal information systems (LIT).