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With a focus on strategy and implementation, James Chang discusses business management practices and the technology that enables them. He analyzes the history of process management practices and demonstrates that BPM practices are a synthesis of radical change and continuous change practices. The book is relevant to both business and IT professionals who are presented with an integrated view on how various management practices merge into BPM. This volume describes the many technologies that converge to form a Business Process Management System (BPMS), illustrating its standards and service-oriented architecture. About the Author James Chang is the founder and president of Ivy Consultants, Inc. He has extensive experience implementing Enterprise Resource Planning (ERP)–enabled business solutions and process-centric integration solutions for Fortune 500 companies. Mr. Chang has written several articles on BPM and EAI. He graduated cum laude with a Bachelor of Science degree in operations research and industrial engineering from Cornell University.

Concepts, Languages, Architectures  
18th International Conference, ICEIS 2016, Rome, Italy, April 25–28, 2016, Revised Selected Papers  
Science & Art  
Advances in Production Management Systems. Initiatives for a Sustainable World  
A Guide to the Business Analysis Body of Knowledge  
International Joint Conference ICIEOM-ADINGOR-IISE-AIM-ASEM  
Business Architecture

**Управление бизнес-процессами (BPM, Business Process Management), или процессное управление, — передовая управленческая дисциплина, рассматривающая оптимизацию и постоянное совершенствование бизнес-процессов (или административных регламентов в случае органов государственного и муниципального управления) как ключ к улучшению всех составляющих эффективности компании. В книге разбираются ключевые понятия процессного управления и конспективно излагаются его основные подходы и методы. В ряду литературы по BPM «Свод знаний» занимает особое место благодаря своей компетентности: в нем даются не оригинальные авторские методики, а только проверенные на практике методы, одобренные ведущими экспертами Ассоциации профессионалов управления бизнес-процессами (ABPMP, www.abmp.org). В версию 4.0 включены такие новые темы, как методология аджайл, репозитории процессов, минимальное программирование, RPA, блокчейн, искусственный интеллект, машинное обучение, интернет вещей. Приложения пополнились моделью компетенций и типовой программой обучения BPM.**

**BPM CBOK Version 3.0** Createspace Independent Publishing Platform  
This book includes new findings on socio-economic cyber systems control and development approaches based on AI and data-driven techniques. The authors determine key social challenges and the main features of management and modeling processes. To enhance the efficiency of the socio-economic process, new approaches were suggested as well as its components based on the concept of Society 5.0. In this book, the authors substantiate the scientific, practical, and methodological approaches to the smart technologies' development. The core is a human-centered concept of cyber systems as well as the intelligent paradigm. Approaches combined both mathematical models and data processing techniques are also proposed as advanced methods for smart system design for ecology and health care. The implementations of the developed prototypes, including testing in real domains, which have collected and analyzed big data and proved their effectiveness, are presented. The target audience of the book are practitioners, enterprise representatives, scientists, and Ph.D. and Master students who perform scientific research or applications of socio-economic cyber systems in different domains.

This textbook provides organisational leadership with an understanding of business process management and its benefits to an organisation. It provides a practical framework, complete with a set of tools and techniques, to successfully implement business process management projects.

Logistics Management  
Enterprise Information Systems  
The Basics of Process Mapping, 2nd Edition  
Everything You Need to Know and How to Apply It to Your Organization  
Digital Transformation in Semiconductor Manufacturing  
Tooth Preparations

*This book presents the proceedings of the 3rd International Joint Conference – ICIEOM-ADINGOR-IISE-AIM-ASEM (IJC2017) “XXIII International Conference on Industrial Engineering and Operations Management”, “International ADINGOR Conference 2017”, “International IISE Conference 2017”, “International AIM Conference 2017” and “International ASEM Conference 2017”, which took place at UPV (Universitat Politècnica de València) from July 6th to 7th, 2017. This joint conference is the result of an agreement between ABEPRO (Associação Brasileira de Engenharia de Produção), ADINGOR (Asociación para el Desarrollo de la Ingeniería de Organización), IISE (Institute of Industrial and Systems Engineers), AIM (European Academy for Industrial Management) and ASEM (American Society for Engineering Management). Consisting of papers on new global perspectives on industrial engineering and management, the book*

*offers an interdisciplinary view of industrial engineering and management. The topics covered include: strategy and entrepreneurship, quality and product management, modelling and simulation, knowledge and project management, logistics, as well as production, information and service systems.*

*This book constitutes the refereed post-conference proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2016, held in Iguassu Falls, Brazil, in September 2016. The 117 revised full papers were carefully reviewed and selected from 164 submissions. They are organized in the following topical sections: computational intelligence in production management; intelligent manufacturing systems; knowledge-based PLM; modelling of business and operational processes; virtual, digital and smart factory; flexible, sustainable supply chains; large-scale supply chains; sustainable manufacturing; quality in production management; collaborative systems; innovation and collaborative networks; agrifood supply chains; production economics; lean manufacturing; cyber-physical technology deployments in smart manufacturing systems; smart manufacturing system characterization; knowledge management in production systems; service-oriented architecture for smart manufacturing systems; advances in cleaner production; sustainable production management; and operations management in engineer-to-order manufacturing.*

*The Complete Business Process Handbook is the most comprehensive body of knowledge on business processes with revealing new research. Written as a practical guide for Executives, Practitioners, Managers and Students by the authorities that have shaped the way we think and work with process today. It stands out as a masterpiece, being part of the BPM bachelor and master degree curriculum at universities around the world, with revealing academic research and insight from the leaders in the market. This book provides everything you need to know about the processes and frameworks, methods, and approaches to implement BPM. Through real-world examples, best practices, LEADing practices and advice from experts, readers will understand how BPM works and how to best use it to their advantage. Cases from industry leaders and innovators show how early adopters of LEADing Practices improved their businesses by using BPM technology and methodology. As the first of three volumes, this book represents the most comprehensive body of knowledge published on business process. Following closely behind, the second volume uniquely bridges theory with how BPM is applied today with the most extensive information on extended BPM. The third volume will explore award winning real-life examples of leading business process practices and how it can be replaced to your advantage. Learn what Business Process is and how to get started Comprehensive historical process evolution In-depth look at the Process Anatomy, Semantics and Ontology Find out how to link Strategy to Operation with value driven BPM Uncover how to establish a way of Thinking, Working, Modelling and Implementation Explore comprehensive Frameworks, Methods and Approaches How to build BPM competencies and establish a Center of Excellence Discover how to apply Social BPM, Sustainable and Evidence based BPM Learn how Value & Performance Measurement and Management Learn how to roll-out and deploy process Explore how to enable Process Owners, Roles and Knowledge Workers Discover how to Process and Application Modelling Uncover Process Lifecycle, Maturity, Alignment and Continuous Improvement Practical continuous improvement with the way of Governance Future BPM trends that will affect business Explore the BPM Body of Knowledge*

*Intelligent Adaptability describes how ACM is emerging in the era of machine intelligence and automation technologies, including Big Data, digitization, Internet of Things (IoT), artificial intelligence (AI), intelligent BPMS and BPM Everywhere. WfMC Chair, Keith Swenson states; "A platform for digital transformation brings a number of different capabilities together: processes, agents, integration, analytics, decisions, and—perhaps most important—case management." In this book, you will learn how support of adaptive, data-driven processes empowers knowledge workers to know in real-time what is happening at the edge points, and to take actions through the combination of rule-driven guidance and their own know-how. It is not a traditionally-automated system but intelligent adaptability, where technology doesn't replace human decision-making but extends the reach of the knowledge worker; making data actionable. In award-winning case studies covering industries as diverse as law enforcement, public safety, transportation, insurance, banking, state services and healthcare, you will find instructive examples for how to transform your own organization. Leading industry analysts study the awards entries for emerging industry trends. Read the chapter, The Seven Trends Impacting The Case Management Landscape by Connie Moore, Digital Clarity Group. This important book follows these ground-breaking best-sellers on ACM; Best Practices for Knowledge Workers, Thriving on Adaptability, Empowering Knowledge Workers, Taming the Unpredictable, How Knowledge Workers Get Things Done, and Mastering the Unpredictable and provides important papers by thought-leaders in this field, together with practical examples.*

*Business Process Management / Adaptive Case Management*

*Business Process Maturity*

*Business Process Management, Basics & Beyond*

*Strategies and Instruments for digitalizing and decarbonizing supply chains - Proceedings of the German Academic Association for Business Research, Halle, 2019*

*BPMN 2.0 Handbook First Edition*

*New Global Perspectives on Industrial Engineering and Management*

*The Ultimate Guide to Business Process Management*

*Business Process Management (BPM) has become one of the most widely used approaches for the design of modern organizational and information systems. The conscious treatment of business processes as significant corporate assets has facilitated substantial improvements in organizational performance but is also used to ensure the conformance of corporate activities. This Handbook presents in two volumes the contemporary body of knowledge as articulated by the world's leading BPM thought leaders. This second volume focuses on the managerial and organizational challenges of BPM such as strategic and cultural alignment, governance and the education of BPM stakeholders. As such, this book provides concepts and methodologies for the integration of BPM. Each chapter has been contributed by leading international experts. Selected case studies complement their views and lead to a summary of BPM*

expertise that is unique in its coverage of the most critical success factors of BPM. The second edition of this handbook has been significantly revised and extended. Each chapter has been updated to reflect the most current developments. This includes in particular new technologies such as in-memory data and process management, social media and networks. A further focus of this revised and extended edition is on the actual deployment of the proposed theoretical concepts. This volume includes a number of entire new chapters from some of the world's leading experts in the domain of BPM.

This is the Spanish version of the Guide to the BPM Common Body of Knowledge is a fundamental reference for anyone who practices Business Process Management. The primary purpose of this guide is to provide BPM practitioners the fundamental Knowledge Areas, skills and competencies that are generally recognized and accepted as common, best practice. The Guide to the BPM CBOK provides a general overview of each Knowledge Area and discusses the skills and competencies necessary to become proficient in the practice of BPM. It also provides links and references to other sources of information which are part of the broader BPM Common Body of Knowledge. New topics covered:

-Strategic Alignment and Business Architecture-Strategy to Execution using the BPM Life Cycle Framework-Leadership, Organizational Design, Project and Change Management-Evolution of iBPMS:  
-Process Mining and Case Management-Robotic Process Automation-Big Data Analytics-Blockchain-Artificial Intelligence, Machine Learning, Deep Learning-Internet of Things (IoT)

Rediscover how your organization works and where it can be improved by using simple, yet powerful techniques! How Work Gets Done will provide the business or IT professional with a practical working knowledge of Business Process Management (BPM). This book is written in a conversational style that encourages you to read it from start to finish and master these objectives:

- Learn how to identify the goals and drivers important to your organization and how to align these with key performance measures
- Understand how business strategies, business policies, and operational procedures need to be connected within a Business Process Architecture
- Know the basic building blocks of any business process - Inputs, Outputs, Guides, and Enablers
- Learn how to create a BPM Center of Excellence in your organization
- Acquire the skills to establish a BPM methodology addressing Enterprise-level, Process-Level, and Implementation-Level priorities
- Learn how to build a Process Competency Framework encompassing all BPM stakeholders
- Obtain the knowledge to improve a process step-by-step with easy to use techniques and templates such as swimlanes and flowcharts

How Work Gets Done is a clear, concise, and well-navigated journey into the world of Business Processes and Business Process Management. From a practical introduction through advanced topics around methodology and competencies, it is suitable for business process newcomers and seasoned practitioners alike. It should be required reading at all levels of every organization. Eugene Fucetola — Global Application Messaging and Integration, Operations Manager, Mars Information Services If you've always wished you had a very practical friend who could sit down and talk you through just what's involved improving how work gets done at your organization, this is the book! Paul Harmon — Executive Editor, Business Process Trends and Chief Methodologist, BPTrends Associates Artie Mahal has done something that was thought to be impossible - produce an easily readable book about business process management. He paints pictures with words, offers many easy-to-grasp analogies, and stimulates with simplifying charts of complex concepts. Leon Fraser — Lecturer, Rutgers Business School

Business process management is usually treated from two different perspectives: business administration and computer science. While business administration professionals tend to consider information technology as a subordinate aspect in business process management for experts to handle, by contrast computer science professionals often consider business goals and organizational regulations as terms that do not deserve much thought but require the appropriate level of abstraction. Matthias Weske argues that all communities involved need to have a common understanding of the different aspects of business process management. To this end, he details the complete business process lifecycle from the modeling phase to process enactment and improvement, taking into account all different stakeholders involved. After starting with a presentation of general foundations and abstraction models, he explains concepts like process orchestrations and choreographies, as well as process properties and data dependencies. Finally, he presents both traditional and advanced business process management architectures, covering, for example, workflow management systems, service-oriented architectures, and data-driven approaches. In addition, he shows how standards like WfMC, SOAP, WSDL, and BPEL fit into the picture. This textbook is ideally suited for classes on business process management, information systems architecture, and workflow management. This 3rd edition contains a new chapter on business decision modelling, covering the Decision Model and Notation (DMN) standard; the chapter on process choreographies has been streamlined, and numerous clarifications have been fetched throughout the book. The accompanying website [www.bpm-book.com](http://www.bpm-book.com) contains further information and additional teaching material.

BPM CBOK® - Business Process Management BPM Common Body of Knowledge, Version 3.0  
Strategic Alignment, Governance, People and Culture  
The Art and Practice of Business Transformation  
Открытые системы. СУБД No02/2016

*Data Management Body of Knowledge  
Body of Knowledge from Process Modeling to BPM  
BPM CBOOK Version 4.0*

The definitive guide on the roles and responsibilities of the business analyst Business Analysis offers a complete description of the process of business analysis in solving business problems. Filled with tips, tricks, techniques, and guerilla tactics to help execute the process in the face of sometimes overwhelming political or social obstacles, this guide is also filled with real world stories from the author's more than thirty years of experience working as a business analyst. Provides techniques and tips to execute the at-times tricky job of business analyst Written by an industry expert with over thirty years of experience Straightforward and insightful, Business Analysis is a valuable contribution to your ability to be successful in this role in today's business environment.

This textbook covers the entire Business Process Management (BPM) lifecycle, from process identification to process monitoring, covering along the way process modelling, analysis, redesign and automation. Concepts, methods and tools from business management, computer science and industrial engineering are blended into one comprehensive and inter-disciplinary approach. The presentation is illustrated using the BPMN industry standard defined by the Object Management Group and widely endorsed by practitioners and vendors worldwide. In addition to explaining the relevant conceptual background, the book provides dozens of examples, more than 230 exercises - many with solutions - and numerous suggestions for further reading. This second edition includes extended and completely revised chapters on process identification, process discovery, qualitative process analysis, process redesign, process automation and process monitoring. A new chapter on BPM as an enterprise capability has been added, which expands the scope of the book to encompass topics such as the strategic alignment and governance of BPM initiatives. The textbook is the result of many years of combined teaching experience of the authors, both at the undergraduate and graduate levels as well as in the context of professional training. Students and professionals from both business management and computer science will benefit from the step-by-step style of the textbook and its focus on fundamental concepts and proven methods. Lecturers will appreciate the class-tested format and the additional teaching material available on the accompanying website.

This Guide to the BPM CBOOK(TM) provides a basic reference document for all practitioners. The primary purpose of this guide is to identify and provide an overview of the Knowledge Areas that are generally recognized and accepted as good practice. The Guide provides a general overview of each Knowledge Area and provides a list of common activities and tasks associated with each Knowledge Area. It also provides links and references to other sources of information which are part of the broader BPM Common Body of Knowledge.

"Business analysis involves understanding how organizations function to accomplish their purposes and defining the capabilities an organization requires to provide products and services to external stakeholders. ... [This guide contains] a framework that describes the business analysis tasks that must be performed in order to understand how a solution will deliver value to the sponsoring organization." - page 3.

A Comparative Study on a Sample of Business Process Maturity Models

Effective Implementation of Management Systems

Handbook on Business Process Management 1

The Guide to the Product Management and Marketing Body of Knowledge

Introduction to the Standard for Business Process Modeling

Proceedings of the 1st and 2nd European Advances in Digital Transformation Conference, EADTC 2018, Zittau, Germany and EADTC 2019, Milan, Italy

The Power of Business Process Improvement

**This book constitutes revised selected papers from the 18th International Conference on Enterprise Information Systems, ICEIS 2016, held in Rome, Italy, in April 2016. The 23 papers presented in this volume were carefully reviewed and selected from a total of 257 submissions to ICEIS 2016. The volume also contains one invited talk in full paper length. The papers selected to be included in this book contribute to the understanding of relevant trends of current research on enterprise information systems, including issues with regard to enterprise engineering, heterogeneous systems, security, software engineering, systems integration, business process management, human factors and affective computing, ubiquitous computing, social computing, knowledge management, and artificial intelligence.**

**BPMN (Business Process Model and Notation) is the established standard for business process modeling. Only a few years after its first publication, it has gained widespread adoption in practice. All important modeling tools support BPMN diagramming. It is possible to create business-oriented diagrams, but also technical models for process execution in business process management systems (BPMS). This book provides a stepwise introduction to BPMN, using many examples close to practice. Starting with the basic elements for modeling sequence flow, all BPMN 2.0 diagrams are presented and discussed in detail. You will gain a profound understanding of the complete notation, and you will be able to make correct use of the different language elements. In the second edition, a collection of useful modeling patterns has been added. These patterns provide best-practice solutions for typical problems arising in the practice of process modeling.**

**Setting the Standard for Product Management and Marketing Many of the leading voices in the product management profession collaborated closely with working product managers to develop The Guide to the Product Management and Marketing Body of Knowledge (the ProdBOK(r) Guide). This effort was enhanced by project management, user experience, and business analyst thought leaders who further defined and optimized several essential working relationships that improve product manager effectiveness. As a result of this**

**groundbreaking collaboration within the product management community and across the adjoining professions, the ProdBOK Guide provides the most comprehensive view of product management and marketing as they apply to a wide range of goods and services. The resulting standard provides product managers with essential knowledge to improve the practice of product management and deliver organizational results. This edition of the ProdBOK Guide: Introduces a product management lifecycle for goods and services Encompasses and defines traditional product development processes such as waterfall, as well as newer approaches that fall under the Agile umbrella Illustrates the various inputs and outputs that product managers should consider at each phase of the product management lifecycle Highlights how to optimize the working relationship between product management professionals and our counterparts in the project, program, portfolio management, user experience, and business analyst communities Describes essential tools that product managers should be aware of and utilize as they work to create value for their Organizations The ProdBOK Guide represents an industry-wide effort to establish a standard for the practice of product management. The book was sponsored by the Association of International Product Marketing and Management (AIPMM). Founded in 1998, AIPMM aims to help professionals like you attain a higher level of knowledge and enhance the results you bring to your organizations every day. About the Authors Greg Geracie is a recognized product management thought leader and the president of Actuation Consulting, a global provider of product management training, consulting, and advisory services to some of the world's most well-known organizations. Greg is the author of the global best seller Take Charge Product Management and led the development of the ProdBOK Guide as editor-in-chief. He is also an adjunct professor at DePaul University in Chicago, Illinois. Steven D. Eppinger is professor of management science and innovation at the Massachusetts Institute of Technology (MIT) Sloan School of Management. Professor Eppinger teaches MIT's executive programs in product development and complex project management. He has co-authored a leading textbook, Product Design and Development (5th edition, 2012, McGraw-Hill), which is used by hundreds of universities around the world The bestselling first edition of this influential resource has been incorporated into the curriculum at forward thinking colleges and universities, a leading vocational technical institute, many in-house corporate continuous improvement approaches, and the United Nations' headquarters. Providing a complete and accessible introduction to process maps, The Basics of Process Mapping, Second Edition raises the bar on what constitutes the basics. Thoroughly revised and updated to keep pace with recent developments, it explains how relationship maps, cross-functional process maps (swimlane diagrams), and flowcharts can be used as a set to provide different views of work. New in the Second Edition: Four new chapters and 75 new graphics An introduction to the concepts of flow and waste and how both appear in knowledge work or business processes A set of measures for flow and waste A discussion of problematic features of knowledge work and business processes that act as barriers to flow Seven principles\* and 29 guidelines for improving the flow of knowledge work A detailed (actual) case study that shows how one organization applied the principles and guidelines to reduce lead time from an average of 28 days to 4 days Unlike "tool books" or "pocket guides" that focus on discrete tools in isolation, this text use a single comprehensive service work example that integrates all three maps, and illustrates the insights they provide when applied as a set. It contains how to procedures for creating each type of map, and includes clear-cut guidance for determining when each type of map is most appropriate. The well-rounded understanding provided in these pages will allow readers to effectively apply all three types of maps to make work visible at the organization, process, and job/performer levels. \*The Seven principles are integrated into Version 3 of the body of knowledge used for Lean certification by the ASQ/AME/SME/SHINGO Lean Alliance. This is the first publication of those principles and guidelines.**

**Towards the Sustainable Enterprise**

**High Performance Through Business Process Management**

**IFIP WG 5.7 International Conference, APMS 2016, Iguassu Falls, Brazil, September 3-7, 2016, Revised Selected Papers**

**Fundamentals of Business Process Management**

**Innovations in Industrial Engineering**

**Business Analysis**

**10 Simple Steps to Increase Effectiveness, Efficiency, and Adaptability**

In this book Jan Kopia assesses the problems of the evaluation of integrated management systems. Current scientific research results and its practicality within organizations are presented. This includes aspects of organizational performance and its measurement comprising its shift from purely financially measured methods to multidimensional approaches. Practical solutions for the evaluation of management systems are suggested, which show the strategic relevance of management systems and its influence on process performance. The presented evaluation model offers an extended use of the balanced scorecard together with the strategic map-process, the execution premium and the plan-do-check-act-cycle of management systems providing an approach for scientists and practitioners to use and extend it.

This book presents the proceedings of the International Science and Technology Conference "FarEastCon 2019," which took place on October 1-4, 2019, in Vladivostok, Russian Federation. The conference provided a platform for gathering expert opinions on projects and initiatives aimed at the implementation of far-sighted scientific research and development, and allowed current theoretical and practical advances to be shared with the broader research community. Featuring selected papers from the conference, this book will be of interest to experts in various fields whose work involves developing innovative solutions and increasing the efficiency of economic activities.

This book covers a variety of topics in the field of industrial engineering, with a special focus on research and industrial applications aimed at both improving quality of processes and products and contributing to a sustainable economy. Based on a set of papers presented at the 1st International Conference "Innovation in

Engineering", ICIE, held in Guimarães, Portugal, on June 28–30, 2021, it focuses on innovative technologies associated with and strategies for the development of Industry 4.0. The chapters discuss new ways to improve industrial production and supply chain management by applying mathematical and computational methods. They also cover important issues relating to sustainability, education, and collaborations between industry and universities, and national developments. This book, which belongs to a three-volume set, provides engineering researchers and professionals with a timely overview and extensive information on trends and technologies behind the current and future developments of Industry 4.0.

Strategy and Implementation

Business Process Management

Свод знаний по управлению бизнес-процессами: BPM СВОК 4.0

DAMA-DMBOK

Management Systems as a Success Factor for the Efficiency of Organizations

Proceedings of the XV International symposium Symorg 2016

The Basics of Process Improvement

This management book presents value-driven business process management as a successful discipline to turn strategy into people- and technology-based execution, quickly and at minimal risk. It shows how to achieve high performance successfully in a digital business environment. Static business models do not keep pace with the dynamic changes in our digital world. Organizations need a management approach that fits this environment and capitalizes on its opportunities while minimizing the related risks. They need to execute their business strategy fast and reliably. In effect, they have to know how and when to modify or enhance their business processes, which processes are the best candidates for intervention, and how to move rapidly from strategy to execution. This means organizations need to establish business process management as a real management discipline. The importance of process innovation, digital technology and people aspects, process governance, internationalization, emerging processes and the unique situation in mid-market organizations are some of the key topics discussed in this book. It ends with a comprehensive case study and a discussion about what process engineers can learn from jazz musicians.

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.

The conference proceedings contains contributions to the Logistics Management conference 2019. The objective of the LM conferences is to discuss new ideas and technical developments related to the management of logistic systems. A special focus is put on digitalization of supply chains and decarbonization in the transport industry.

Green Business Process Management – Towards the Sustainable Enterprise" consolidates the global state-of-the-art knowledge about how business processes can be managed and improved in light of sustainability objectives. Business organizations, a dominant part of our society, have always been a major contributor to the degradation of our natural environment, through the resource consumption, greenhouse emissions, and wastage production associated with their business processes. In order to lessen their impact on the natural environment, organizations must design and implement environmentally sustainable business processes. Finding solutions to this organizational design problem is the key challenge of Green Business Process Management. This book discusses the emerging challenges of designing "green" business processes, - presents tools and methods that organizations can use in order to design and implement environmentally sustainable processes, and- provides insights from cases where organizations successfully engaged in more sustainable business practices. The book is of relevance to both practitioners and academics who are interested in understanding, designing, and implementing "green" business processes. It also constitutes a valuable resource for students and lecturers in the fields of information systems, management, and sustainable development. Preface by Richard T. Watson

Strategy Execution in a Digital World

Best Practices for Success

Introduction, Methods, and Information Systems

Intelligent Adaptability

Green Business Process Management

Society 5.0: Cyberspace for Advanced Human-Centered Society

Proceeding of the International Science and Technology Conference "FarEastCon 2019"

В номере: Как преуспеть в условиях экономики изобилия памяти? Технологии памяти последние 60 лет развивались «в тени» микропроцессоров, которые уже подошли к пределам роста своих возможностей. Чтобы «перезагрузить» мир вычислений, его центром надо сделать память, которой будет вдоволь, и тогда можно будет вывести на новый уровень производительность вычислений, связи и работы с памятью. Но при этом появятся и новые угрозы. Архитектура хранения для цифрового предприятия Рост объемов информации, повышенные требования к ее доступности, эффективности накопления и использования вызывают необходимость в системах хранения, которые должны быть одновременно емкими, надежными, практически безгранично

масштабируемыми и недорогими. Традиционные архитектуры таким требованиям уже не удовлетворяют. Agile и DevOps на службе крупного бизнеса. Облака, Большие Данные и Интернет вещей способны предоставить цифровому бизнесу конкурентные преимущества, однако традиционные ИТ уже не могут обеспечить поддержку новых бизнес-моделей, своевременную разработку новых сервисов и приложений или изменение уже имеющихся. Инструмент для стартапа. Для реализации своих идей стартапы сегодня уже не нуждаются в непомерных средствах, однако им требуются инструменты, позволяющие быстро вывести продукт на рынок, чтобы продемонстрировать его возможности инвесторам и сразу получать прибыль. В этом им могут помочь хорошо себя зарекомендовавшие готовые средства интеграции. Судьбы твердотельной памяти. Флеш не панацея, а всего лишь первый опыт замены жестких дисков. Развитие электронной твердотельной постоянной памяти в ближайшие годы будет диктоваться протоколом NVMe. Пять лет на Kotlin. Разработчикам ПО сегодня необходимо выпускать не «национальные», а востребованные и качественные программы, для создания которых нужны эффективные инструменты. и многое другое

Guide to the Business Process Management Common Body Of Knowledge – Spanish Version

Business Process Management Systems

Handbook on Business Process Management 2

How Work Gets Done

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