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## KEY=GUIDE - SWANSON GARDNER

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### ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS 2004: OTM 2004 WORKSHOPS

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#### OTM CONFEDERATED INTERNATIONAL WORKSHOPS AND POSTERS, GADA, JTRES, MIOS, WORM, WOSE, PHDS, AND INTEROP 2004, AGIA NAPA, CYPRUS, OCTOBER 25-29, 2004. PROCEEDINGS

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**Springer Science & Business Media** *This book constitutes the joint refereed proceedings of seven international workshops held as part of OTM 2004 in Agia Napa, Cyprus in October 2004. The 73 revised papers presented together with 31 abstracts of posters from the OTM main conferences were carefully reviewed and selected from more than 150 submissions. In accordance with the 7 workshops, the papers are organized in topical sections on grid computing and its applications to data analysis; Java technologies for real-time and embedded systems; modeling inter-organizational systems; regulatory ontologies; ontologies, semantics and e-learning; PhD symposium; and interoperability.*

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## ESSENTIAL BUSINESS PROCESS MODELING

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**"O'Reilly Media, Inc."** *Ten years ago, groupware bundled with email and calendar applications helped track the flow of work from person to person within an organization. Workflow in today's enterprise means more monitoring and orchestrating massive systems. A new technology called Business Process Management, or BPM, helps software architects and developers design, code, run, administer, and monitor complex network-based business processes BPM replaces those sketchy flowchart diagrams that business analysts draw on whiteboards with a precise model that uses standard graphical and XML representations, and an architecture that allows it converse with other services, systems, and users. Sound complicated? It is. But it's downright frustrating when you have to search the Web for every little piece of information vital to the process. Essential Business Process Modeling gathers all the concepts, design, architecture, and standard specifications of BPM into one concise book, and offers hands-on examples that illustrate BPM's approach to process notation, execution, administration and monitoring. Author Mike Havey demonstrates standard ways to code rigorous processes that are centerpieces of a service-oriented architecture (SOA), which defines how networks interact so that one can perform a service for the other. His book also shows how BPM complements enterprise application integration (EAI), a method for moving from older applications to new ones, and Enterprise Service BUS for integrating different web services, messaging, and XML technologies into a single network. BPM, he says, is to this collection of services what a conductor is to musicians in an orchestra: it coordinates their actions in the performance of a larger composition. Essential Business Process Modeling teaches you how to develop examples of process-oriented applications using free tools that can be run on an average PC or laptop. You'll also learn about BPM design patterns and best practices, as well as some underlying theory. The best way to monitor processes within an enterprise is with BPM, and the best way to navigate BPM is with this valuable book.*

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## ORACLE SOA BPEL PROCESS MANAGER 11GR1 - A HANDS-ON TUTORIAL

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**Packt Publishing Ltd** *This hands-on, example-driven guide is a practical getting started tutorial with plenty of step-by-step instructions for beginner to intermediate level readers working with BPEL PM in Oracle SOA Suite. Written for SOA developers, administrators, architects, and engineers who want to get started with Oracle BPEL PM 11g. No previous experience with BPEL PM is required, but an understanding of SOA and web services is assumed*

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## WEB INFORMATION SYSTEMS ENGINEERING - WISE 2010 WORKSHOPS

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### WISE 2010 INTERNATIONAL SYMPOSIUM WISS, AND INTERNATIONAL WORKSHOPS CISE, MBC, HONG KONG, CHINA, DECEMBER 12-14, 2010. REVISED SELECTED PAPERS

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**Springer** *This book contains the carefully selected and reviewed papers presented at three satellite events that were held in conjunction with the 11th International Conference on Web Information Systems Engineering, WISE 2010, in Hong Kong, China, in December 2010. The collection comprises a total of 40 contributions that originate from the First International Symposium on Web Intelligent Systems and Services (WISS 2010), from the First International Workshop on Cloud Information Systems Engineering (CISE 2010) and from the Second International Workshop on Mobile Business Collaboration (MBC 2010). The papers address a wide range of hot topics and are organized in topical sections on: decision and e-markets; rules and XML; web service intelligence; semantics and services; analyzing web resources; engineering web systems; intelligent web applications; web communities and personalization; cloud information system engineering; mobile business collaboration.*

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## NEW HORIZONS IN WEB BASED LEARNING -- ICWL 2010 WORKSHOPS

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## **ICWL 2010 WORKSHOPS: STEG, CICW, WGLBWS AND IWKDEWL, SHANGHAI, CHINA, DECEMBER 7-11, 2010, REVISED SELECTED PAPERS**

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**Springer Science & Business Media** *This book constitutes the thoroughly refereed post-workshop proceedings of the 9th International Conference on Web-Based Learning, ICWL 2010, held in Shanghai, China, in December 2010. The 36 revised full papers and 8 short papers presented were carefully reviewed and selected from 192 submissions. They deal with topics such as e-learning platforms and tools, technology enhanced learning, Web-based learning for oriental languages, mobile/situated e-learning, learning resource deployment, organization and management, design, model and framework of e-learning systems, e-learning metadata and standards, collaborative learning and game-based learning, as well as practice and experience sharing, and pedagogical issues.*

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## **ADVANCES IN DIGITAL IMAGE PROCESSING AND INFORMATION TECHNOLOGY**

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### **FIRST INTERNATIONAL CONFERENCE ON DIGITAL IMAGE PROCESSING AND PATTERN RECOGNITION, DPPR 2011, TIRUNELVELI, TAMIL NADU, INDIA, SEPTEMBER 23-25, 2011, PROCEEDINGS**

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**Springer Science & Business Media** *This book constitutes the refereed proceedings of the First International Conference on Digital Image Processing and Pattern Recognition, DPPR 2011, held in Tirunelveli, India, in September 2011. The 48 revised full papers were carefully reviewed and selected from about 400 submissions. The conference brought together leading researchers, engineers and scientists in the domain of Digital Image Processing and Pattern Recognition. The papers cover all theoretical and practical aspects of the field and present new advances and current research results in two tracks, namely: digital image processing and pattern recognition, and computer science, engineering and information technology.*

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## **HANDBOOK ON BUSINESS PROCESS MANAGEMENT 2**

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### **STRATEGIC ALIGNMENT, GOVERNANCE, PEOPLE AND CULTURE**

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**Springer Science & Business Media** *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 Business Process Management 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.*

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## **INFONOMICS FOR DISTRIBUTED BUSINESS AND DECISION-MAKING ENVIRONMENTS: CREATING INFORMATION SYSTEM ECOLOGY**

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### **CREATING INFORMATION SYSTEM ECOLOGY**

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**IGI Global** *Provides a greater understanding of issues, challenges, trends, and technologies effecting the overall utilization and management of information in modern organizations around the world.*

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## **COMPUTATIONAL INTELLIGENCE AND INFORMATION TECHNOLOGY**

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### **FIRST INTERNATIONAL CONFERENCE, CIIT 2011, PUNE, INDIA, NOVEMBER 7-8, 2011. PROCEEDINGS**

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**Springer Science & Business Media** *This book constitutes the proceedings of the First International Conference on Computational Intelligence and Information Technology, CIIT 2011, held in Pune, India, in November 2011. The 58 revised full papers, 67 revised short papers, and 32 poster papers presented were carefully reviewed and selected from 483 initial submissions. The papers are contributed by innovative academics and industrial experts in the field of computer science, information technology, computational engineering, mobile communication and security and offer a stage to a common forum, where a constructive dialog on theoretical concepts, practical ideas and results of the state of the art can be developed.*

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## **EVALUATION OF NOVEL APPROACHES TO SOFTWARE ENGINEERING**

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### **16TH INTERNATIONAL CONFERENCE, ENASE 2021, VIRTUAL EVENT, APRIL 26-27, 2021, REVISED SELECTED PAPERS**

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**Springer Nature**

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## **BRADSHAW'S MONTHLY RAILWAY AND STEAM NAVIGATION GUIDE**

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### **OCA ORACLE APPLICATION SERVER 10G ADMINISTRATION I STUDY GUIDE**

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#### **(EXAM 1Z0-311)**

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**John Wiley & Sons** *Complete coverage of the exam objectives, hands-on exercises, review questions, and more, this is the first and only book to offer such in-depth coverage of this challenging exam Takes into consideration that candidates must not only know how to install and configure Oracle Application Server 10g, but how to use the robust tool set, including Oracle HTTP Server and OracleAS*

Portal The book features an interactive CD-ROM, including the Sybex Test Engine with chapter review questions and bonus exams, a series of flash cards that can be used on a PC or handheld, and an e-version of the book Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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## **BUSINESS PROCESSES**

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### **A DATABASE PERSPECTIVE**

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**Morgan & Claypool Publishers** While classic data management focuses on the data itself, research on Business Processes also considers the context in which this data is generated and manipulated, namely the processes, users, and goals that this data serves. This provides the analysts a better perspective of the organizational needs centered around the data. As such, this research is of fundamental importance. Much of the success of database systems in the last decade is due to the beauty and elegance of the relational model and its declarative query languages, combined with a rich spectrum of underlying evaluation and optimization techniques, and efficient implementations. Much like the case for traditional database research, elegant modeling and rich underlying technology are likely to be highly beneficiary for the Business Process owners and their users; both can benefit from easy formulation and analysis of the processes. While there have been many important advances in this research in recent years, there is still much to be desired: specifically, there have been many works that focus on the processes behavior (flow), and many that focus on its data, but only very few works have dealt with both the state-of-the-art in a database approach to Business Process modeling and analysis, the progress towards a holistic flow-and-data framework for these tasks, and highlight the current gaps and research directions. Table of Contents: Introduction / Modeling / Querying Business Processes / Other Issues / Conclusion

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## **FUNDAMENTAL APPROACHES TO SOFTWARE ENGINEERING**

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### **18TH INTERNATIONAL CONFERENCE, FASE 2015, HELD AS PART OF THE EUROPEAN JOINT CONFERENCES ON THEORY AND PRACTICE OF SOFTWARE, ETAPS 2015, LONDON, UK, APRIL 11-18, 2015, PROCEEDINGS**

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**Springer** This book constitutes the proceedings of the 18th International Conference on Fundamental Approaches to Software Engineering, FASE 2015, held in London, UK, in April 2015, as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2015. The 22 full papers and 1 short paper presented in this volume were carefully reviewed and selected from 80 submissions. They are organized in topical sections named: models and synthesis; testing and fault localization; modeling; verification; modeling and adaptation; and applications.

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## **MAKING GLOBALLY DISTRIBUTED SOFTWARE DEVELOPMENT A SUCCESS STORY**

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### **INTERNATIONAL CONFERENCE ON SOFTWARE PROCESS, ICSP 2008 LEIPZIG, GERMANY, MAY 10-11, 2008, PROCEEDINGS**

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**Springer** This volume contains papers presented at the International Conference on Software Process (ICSP 2008) held in Leipzig, Germany, during May 10-11, 2008. ICSP 2008 was the second conference of the ICSP series. The theme of ICSP 2008 was "Making Globally Distributed Software Development a Success Story." Software developers work in a dynamic context of frequently changing technologies and with limited resources. Globally distributed development teams are under increasing pressure to deliver their products more quickly and with higher levels of quality. At the same time, global competition is forcing software development organizations to cut costs by rationalizing processes, outsourcing part of or all development activities, reusing existing software in new or modified applications, and evolving existing systems to meet new needs, while still minimizing the risk of projects failing to deliver. To address these difficulties, new and modified processes are emerging, including agile methods and plan-based product line development. Open Source, COTS, and community-developed software are becoming more and more popular. Outsourcing coupled with 24/7 development demands well-defined processes to support the coordination of organizationally—and geographically—separated teams. The accepted papers present completed research or advanced work-in-progress in all areas of software and systems development process including: agile software processes, CMMI, novel techniques for software process representation and analysis; process tools and metrics; and the simulation and modeling of software processes. Contributions reflecting real-world experience, or derived directly from industrial or open-source software development and evolution, were particularly welcome.

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## **PERVASIVE COLLABORATIVE NETWORKS**

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### **IFIP TC 5 WG 5.5 NINTH WORKING CONFERENCE ON VIRTUAL ENTERPRISES, SEPTEMBER 8-10, 2008, POZNAN, POLAND**

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**Springer Science & Business Media** COLLABORATIVE NETWORKS Becoming a pervasive paradigm In recent years the area of collaborative networks is being consolidated as a new discipline (Camarinha-Matos, Afsarmanesh, 2005) that encompasses and gives more structured support to a large diversity of collaboration forms. In terms of applications, besides the "traditional" sectors represented by the advanced supply chains, virtual enterprises, virtual organizations, virtual teams, and their breeding environments, new forms of collaborative structures are emerging in all sectors of the society. Examples can be found in e-government, intelligent transportation systems, collaborative virtual laboratories, agribusiness, elderly care, silver economy, etc. In some cases those developments tend to adopt a terminology that is specific of that domain; often the involved actors in a given domain are not fully aware of the developments in the mainstream research on collaborative networks. For instance, the grid community adopted the term "virtual organization" but focused mainly on the resource sharing perspective, ignoring most of the other aspects involved in collaboration. The European enterprise interoperability community, which was initially focused on the intra-enterprise aspects, is moving towards inter-enterprise collaboration. Collaborative networks are thus becoming a pervasive paradigm giving basis to new socio-organizational structures.

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## **EURO-PAR 2009, PARALLEL PROCESSING - WORKSHOPS**

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### **HPPC, HETEROPAR, PROPER, ROIA, UNICORE, VHPC, DELFT, THE NETHERLANDS, AUGUST 25-28, 2009, WORKSHOPS**

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**Springer** *This book constitutes the workshops of the 15th International Conference on Parallel Computing, Euro-Par 2009, held in Delft, The Netherlands, in August 2009. These focus on advanced specialized topics in parallel and distributed computing and reflect new scientific and technological developments.*

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## **COOPERATIVE DESIGN, VISUALIZATION, AND ENGINEERING**

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### **5TH INTERNATIONAL CONFERENCE, CDVE 2008 CALVIÀ, MALLORCA, SPAIN, SEPTEMBER 21-25, 2008 PROCEEDINGS**

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**Springer** *This book constitutes the refereed proceedings of the 5th International Conference on Cooperative Design, Visualization, and Engineering, CDVE 2008, held in Calvià, Mallorca, Spain, in September 2008. The 45 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers cover all current issues in cooperative design, visualization, and engineering, ranging from theoretical and methodological topics to various systems and frameworks to applications in a variety of fields. The papers are organized in topical segments on cooperative design, cooperative visualization, cooperative engineering, cooperative applications, as well as basic theories, methods and technologies that support CDVE.*

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## **BPEL PM AND OSB OPERATIONAL MANAGEMENT WITH ORACLE ENTERPRISE MANAGER 10G GRID CONTROL**

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**Packt Publishing Ltd** *Manage the operational tasks for multiple Oracle BPEL and OSB environments centrally using this book and eBook.*

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## **SOFTWARE ENGINEERING RESEARCH, MANAGEMENT AND APPLICATIONS**

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**Springer** *The 6th ACIS International Conference on Software Engineering, Research, Management and Applications (SERA 2008) was held in Prague in the Czech Republic on August 20 - 22. SERA '08 featured excellent theoretical and practical contributions in the areas of formal methods and tools, requirements engineering, software process models, communication systems and networks, software quality and evaluation, software engineering, networks and mobile computing, parallel/distributed computing, software testing, reuse and metrics, database retrieval, computer security, software architectures and modeling. Our conference officers selected the best 17 papers from those papers accepted for presentation at the conference in order to publish them in this volume. The papers were chosen based on review scores submitted by members or the program committee, and underwent further rounds of rigorous review.*

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## **SECURITY FOR WEB SERVICES AND SERVICE-ORIENTED ARCHITECTURES**

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**Springer Science & Business Media** *Web services technologies are advancing fast and being extensively deployed in many different application environments. Web services based on the extensible Markup Language (XML), the Simple Object Access Protocol (SOAP), and related standards, and deployed in Service-Oriented Architectures (SOAs) are the key to Web-based interoperability for applications within and across organizations. Furthermore, they are making it possible to deploy applications that can be directly used by people, and thus making the Web a rich and powerful social interaction medium. The term Web 2.0 has been coined to embrace all those new collaborative applications and to indicate a new, "social" approach to generating and distributing Web content, characterized by open communication, decentralization of authority, and freedom to share and reuse. For Web services technologies to hold their promise, it is crucial that - security of services and their interactions with users be assured. Confidentiality, integrity, availability, and digital identity management are all required. People need to be assured that their interactions with services over the Web are kept confidential and the privacy of their personal information is preserved. People need to be sure that information they use for looking up and selecting services is correct and its integrity is assured. People want services to be available when needed. They also require interactions to be convenient and personalized, in addition to being private. Addressing these requirements, especially when dealing with open distributed applications, is a formidable challenge.*

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## **BUSINESS ENTERPRISE, PROCESS, AND TECHNOLOGY MANAGEMENT: MODELS AND APPLICATIONS**

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### **MODELS AND APPLICATIONS**

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**IGI Global** *"This book generates a comprehensive overview of the recent advances in concepts, technologies, and applications that enable advanced business process management in various enterprises"--Provided by publisher.*

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## **BUSINESS PROCESS MANAGEMENT**

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### **4TH INTERNATIONAL CONFERENCE, BPM 2006, VIENNA, AUSTRIA, SEPTEMBER 5-7, 2006, PROCEEDINGS**

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**Springer Science & Business Media** *This book constitutes the refereed proceedings of the 4th International Conference on Business Process Management, BPM 2006. The book presents 20 revised full papers, 5 industrial papers, and 15 short papers together with an invited paper and the abstract of an invited talk. The papers are organized in topical sections on monitoring and mining, service composition, process models and languages, dynamic process management, Web service composition, and applied business process management.*

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## COLLABORATIVE SYSTEMS FOR REINDUSTRIALIZATION

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### 14TH IFIP WG 5.5 WORKING CONFERENCE ON VIRTUAL ENTERPRISES, PRO-VE 2013, DRESDEN, GERMANY, SEPTEMBER 30 - OCTOBER 2, 2013, PROCEEDINGS

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**Springer** This book constitutes the refereed proceedings of the 14th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2013, held in Dresden, Germany, in September/October 2013. The 75 revised papers were carefully selected for inclusion in this volume. They provide a comprehensive overview of identified challenges and recent advances in various collaborative network (CN) domains and their applications with a particular focus on the support for reindustrialization. The papers have been organized in the following topical sections: product-service ecosystems; innovation in networks; strategies to build collaborative networks; collaboration related processes and performance; models and meta-models of collaboration; cloud-based support to collaborative networks; collaborative platforms; services and service design; sustainable collaborative networks; event-driven collaborative networks; social-semantic enterprise; and risks and trust.

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## HANDBOOK OF RESEARCH ON MODERN SYSTEMS ANALYSIS AND DESIGN TECHNOLOGIES AND APPLICATIONS

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**IGI Global** "This book provides a compendium of terms, definitions, and explanations of concepts in various areas of systems and design, as well as a vast collection of cutting-edge research articles from the field's leading experts"--Provided by publisher.

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## PERSPECTIVES IN BUSINESS INFORMATICS RESEARCH

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### 9TH INTERNATIONAL CONFERENCE, BIR 2010, ROSTOCK, GERMANY, SEPTEMBER 29--OCTOBER 1, 2010, PROCEEDINGS

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**Springer** The conference series BIR (Business Informatics Research) was established 10 years ago in Rostock as an initiative of researchers from Swedish and German universities. The objective was to create a global forum where researchers in business informatics, seniors as well as juniors, could meet, collaborate and - change ideas. Over the years BIR has matured into a series of international conferences, typically organized in the Baltic Sea region, including Norway and Iceland. A steering committee ensures the high quality of the BIR proceedings. We are very proud that this year an international and very well known editor has agreed to publish selected papers of the conference. The interest in the conference in terms of submissions and participation has steadily increased over the years. This year, we received 53 contributions among which 14 submissions were accepted as long papers and 4 as short papers. A few additional contributions were invited for presentation at the conference. The selection was carefully carried out by an International Program Committee. The result is a set of interesting and stimulating papers that address important issues such as knowledge management, ontologies, models, work-flow specifications, data bases and OLAP. The conference was opened by an invited technical talk by Dr. Klaus Brunnstein from The University of Hamburg who discussed the topic "The Information Society on the Way to Web 3.0: Perspectives, Opportunities and Risks", which is challenging for all of us.

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## BUSINESS PROCESS MANAGEMENT

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### 9TH INTERNATIONAL CONFERENCE, BPM 2011, CLERMONT-FERRAND, FRANCE, AUGUST 30 - SEPTEMBER 2, 2011, PROCEEDINGS

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**Springer** This book constitutes the refereed proceedings of the 9th International Conference on Business Process Management, BPM 2011, held in Clermont-Ferrand, France, in August/September 2011. The volume contains 22 revised full research papers carefully reviewed and selected from 157 submissions, as well as 5 industrial track papers and abstracts of three invited talks. The papers address innovative research of highest quality from computer science, management information science, service-oriented computing, and technology management.

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## THE EXECUTIVE GUIDE TO IT PROCESS AUTOMATION

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**Realtimerepublishers.com**

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## INFORMATION AND SOFTWARE TECHNOLOGIES

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### 20TH INTERNATIONAL CONFERENCE, ICIST 2014, DRUSKININKAI, LITHUANIA, OCTOBER 9-10, 2014, PROCEEDINGS

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**Springer** This book constitutes the refereed proceedings of the 20th International Conference on Information and Software Technologies, ICIST 2014, held in Druskininkai, Lithuania, in October 2014. The 34 papers presented were carefully reviewed and selected from 68 submissions. The papers are organized in topical sections such as information systems; business intelligence for information and software systems; software engineering; information technology applications.

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## FORMAL METHODS FOR INDUSTRIAL CRITICAL SYSTEMS

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### 14TH INTERNATIONAL WORKSHOP, FMICS 2009, EINDHOVEN, THE NETHERLANDS, NOVEMBER 2-3, 2009, PROCEEDINGS

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**Springer** This book constitutes the proceedings of the 14th International Workshop on Formal Methods for Industrial Critical Systems, FMICS 2009 held in Eindhoven, The Netherlands, in November 2009. The 10 papers presented were carefully reviewed and selected from 25 submissions. The volume also contains with 4 invited papers and 6 posters. The aim of the FMICS workshop series is to provide a forum for researchers who are interested in the development and application of formal methods in industry. It also strives to

promote research and development for the improvement of formal methods and tools for industrial applications.

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## **COORDINATION MODELS AND LANGUAGES**

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### **10TH INTERNATIONAL CONFERENCE, COORDINATION 2008, OSLO, NORWAY, JUNE 4-6, 2008, PROCEEDINGS**

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**Springer Science & Business Media** This book constitutes the refereed proceedings of the 10th International Conference on Coordination Models and Languages, COORDINATION 2008, held in Oslo, Norway, in June 2008, as one of the federated conferences on Distributed Computing Techniques, DisCoTec 2008. The 21 revised full papers presented were carefully reviewed and selected from 61 submissions. The subject-matter is to explore the spectrum of languages, middleware, services, and algorithms that separate behavior from interaction, therefore increasing modularity, simplifying reasoning, and ultimately enhancing software development.

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## **SOFTWARE COMPOSITION**

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### **9TH INTERNATIONAL CONFERENCE, SC 2010, MALAGA, SPAIN, JULY 1-2, 2010. PROCEEDINGS**

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**Springer** The goal of the International Conference on Software Composition is to advance the state of research on modularity and reuse in the context of software development based on components, services, features, or models. Software composition is becoming more and more important as innovation in software engineering shifts from the development of individual components to their reuse and recombination in novel ways. To this end, for the 2010 edition, researchers were solicited to contribute on topics such as component adaptation techniques, composition languages, modeling, as well as emerging composition techniques such as aspect-oriented programming, servi-oriented architectures, and mashups. In line with previous editions of SC, contributions were sought focusing on both theory and practice, with a particular interest in efforts relating them. This LNCS volume contains the proceedings of the 9th International Conference on Software Composition, which was held during July 1-2, 2010, as a collocated event of the TOOLS 2010 Federated Conferences, in Malaga, Spain.

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## **HUMAN STEM CELL MANUAL**

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### **A LABORATORY GUIDE**

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**Academic Press** This reader-friendly manual provides a practical "hands on" guide to the culture of human embryonic and somatic stem cells. By presenting methods for embryonic and adult lines side-by-side, the authors lay out an elegant and unique path to understanding the science of stem cell practice. The authors begin with a broad-based introduction to the field, and also review legal and regulatory issues and patents. Each experimental strategy is presented with an historical introduction, detailed method, discussion of alternative methods, and common pitfalls. This lab guide for researchers also serves as a textbook for undergraduate and graduate students in laboratory courses. • Offers a comprehensive introduction to stem cell biology and culture for medical and biology researchers investigating diagnostics and treatments for various diseases • Presents a historical introduction, discussion of alternative methods, and common pitfalls for basic and advanced experimental strategies • Includes new chapters devoted to iPS cells and other alternative sources for generating human stem cells written by the scientists who made these breakthroughs

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## **FORMALISMS FOR REUSE AND SYSTEMS INTEGRATION**

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**Springer** Reuse and integration are defined as synergistic concepts, where reuse addresses how to minimize redundancy in the creation of components; while, integration focuses on component composition. Integration supports reuse and vice versa. These related concepts support the design of software and systems for maximizing performance while minimizing cost. Knowledge, like data, is subject to reuse; and, each can be interpreted as the other. This means that inherent complexity, a measure of the potential utility of a system, is directly proportional to the extent to which it maximizes reuse and integration. Formal methods can provide an appropriate context for the rigorous handling of these synergistic concepts. Furthermore, formal languages allow for non ambiguous model specification; and, formal verification techniques provide support for insuring the validity of reuse and integration mechanisms. This edited book includes 12 high quality research papers written by experts in formal aspects of reuse and integration to cover the most recent advances in the field. These papers are extended versions of some of the best papers, which were presented at the IEEE International Conference on Information Reuse and Integration and the IEEE International Workshop on Formal Methods Integration - both of which were held in San Francisco in August 2014.

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## **CONTEMPORARY ISSUES IN SYSTEMS SCIENCE AND ENGINEERING**

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**John Wiley & Sons** Various systems science and engineering disciplines are covered and challenging new research issues in these disciplines are revealed. They will be extremely valuable for the readers to search for some new research directions and problems. Chapters are contributed by world-renowned systems engineers Chapters include discussions and conclusions Readers can grasp each event holistically without having professional expertise in the field

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## **ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS 2006: COOPIS, DOA, GADA, AND ODBASE**

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### **OTM CONFEDERATED INTERNATIONAL CONFERENCES, COOPIS, DOA, GADA, AND ODBASE 2006, MONTPELLIER, FRANCE, OCTOBER 29 - NOVEMBER 3, 2006, PROCEEDINGS, PART I**

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**Springer** This two-volume set LNCS 4275/4276 constitutes the refereed proceedings of the four confederated conferences CoopIS 2006, DOA 2006, GADA 2006, and ODBASE 2006 held as OTM 2006 in Montpellier, France in October/November 2006. The 106 revised full and nine short papers presented together with four keynote speeches were carefully reviewed and selected from a total of 361 submissions.

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## HANDBOOK OF SERVICE DESCRIPTION

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### USDL AND ITS METHODS

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**Springer Science & Business Media** *The Handbook of Service Description introduces an in-depth overview of service description efforts. The book also highlights the recent Unified Service Description Language (USDL) in detail and discusses its methods. The Handbook of Service Description is the normative scientific reference for the upcoming standardization of the Unified Service Description Language (USDL). Complete documentation is included. The Handbook of Service Description is designed for those working in the service science industry as a reference book. Advanced-level students focused on computer science, engineering and business will also find this book a valuable asset.*

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### MOBILE APPS ENGINEERING

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#### DESIGN, DEVELOPMENT, SECURITY, AND TESTING

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**CRC Press** *The objective of this edited book is to gather best practices in the development and management of mobile apps projects. Mobile Apps Engineering aims to provide software engineering lecturers, students and researchers of mobile computing a starting point for developing successful mobile apps. To achieve these objectives, the book's contributors emphasize the essential concepts of the field, such as apps design, testing and security, with the intention of offering a compact, self-contained book which shall stimulate further research interest in the topic. The editors hope and believe that their efforts in bringing this book together can make mobile apps engineering an independent discipline inspired by traditional software engineering, but taking into account the new challenges posed by mobile computing.*

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### ORACLE SOA SUITE 11G HANDBOOK

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**McGraw Hill Professional** *Master Oracle SOA Suite 11g Design and implement an agile service-oriented enterprise computing infrastructure using the detailed information in this Oracle Press guide. Written by an Oracle ACE director, Oracle SOA Suite 11g Handbook uses a hands-on case study to illustrate each programming, management, and governance concept. Get expert techniques for modeling and implementing complex business processes and deploying and securing Web services, while maximizing decoupling and code reuse. Install Oracle SOA Suite 11g or migrate from a previous version Design and develop composite applications using SCA and SDO Model processes using BPEL, BPMN, and human task components Connect components through mapping and filtering with Oracle Mediator Apply the principles of event-driven architecture through complex event processing, the event delivery network, and Oracle Business Activity Monitoring server Benefit from the power of Java through the Spring component and the interaction with Oracle Validate, enrich, transform, route, and operate on data using the Oracle Service Bus Deploy, test, and manage composite applications from the Oracle Enterprise Manager control console*

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### ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS 2004: OTM 2004 WORKSHOPS

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#### OTM CONFEDERATED INTERNATIONAL WORKSHOPS AND POSTERS, GADA, JTRES, MIOS, WORM, WOSE, PHDS, AND INTEROP 2004, AGIA NAPA, CYPRUS, OCTOBER 25-29, 2004. PROCEEDINGS

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**Springer** *A special mention for 2004 is in order for the new Doctoral Symposium Workshop where three young postdoc researchers organized an original setup and formula to bring PhD students together and allow them to submit their research proposals for selection. A limited number of the submissions and their approaches were independently evaluated by a panel of senior experts at the conference, and presented by the students in front of a wider audience. These students also got free access to all other parts of the OTM program, and only paid a heavily discounted fee for the Doctoral Symposium itself. (In fact their attendance was largely sponsored by the other participants!) If evaluated as successful, it is the intention of the General Chairs to expand this model in future editions of the OTM conferences and so draw in an audience of young researchers to the OnTheMove forum. All three main conferences and the associated workshops share the distributed aspects of modern computing systems, and the resulting application created by the Internet and the so-called Semantic Web. For DOA 2004, the primary emphasis stayed on the distributed object infrastructure; for ODBASE 2004, it was the knowledge bases and methods required for enabling the use of formal semantics; and for CoopIS 2004 the main topic was the interaction of such technologies and methods with management issues, such as occurs in networked organizations. These subject areas naturally overlap and many submissions in fact also treat envisaged mutual impacts among them.*