
Get Free Middleware Ective Re To Approach Driven Ontology An

Thank you completely much for downloading **Middleware Ective Re To Approach Driven Ontology An**. Maybe you have knowledge that, people have look numerous time for their favorite books as soon as this Middleware Ective Re To Approach Driven Ontology An, but stop up in harmful downloads.

Rather than enjoying a good book as soon as a mug of coffee in the afternoon, then again they juggled following some harmful virus inside their computer. **Middleware Ective Re To Approach Driven Ontology An** is straightforward in our digital library an online entrance to it is set as public therefore you can download it instantly. Our digital library saves in combination countries, allowing you to get the most less latency epoch to download any of our books when this one. Merely said, the Middleware Ective Re To Approach Driven Ontology An is universally compatible bearing in mind any devices to read.

KEY=TO - CURTIS MARIANA

Ubiquitous Intelligence and Computing

4th International Conference, UIC 2007, Hong Kong, China, July 11-13, 2007, Proceedings

Springer Science & Business Media A fascinating bird's eye view on a hugely relevant topic. This book constitutes the refereed proceedings of the 4th International Conference on Ubiquitous Intelligence and Computing held in Hong Kong, China in 2007, co-located with ATC 2007, the 4th International Conference on Autonomic and Trusted Computing. The 119 revised full papers presented together with 1 keynote paper and 1 invited paper were carefully reviewed and selected from 463 submissions. The papers are organized in topical sections.

Distributed Applications and Interoperable Systems

11th IFIP WG 6.1 International Conference, DAIS 2011, Reykjavik, Iceland, June 6-9, 2011, Proceedings

Springer This book constitutes the refereed proceedings of the 11th IFIP WG 6.1 International Conference on Distributed Applications and Interoperable Systems, DAIS 2011, held in Reykjavik, Iceland, in June 2011 as one of the DisCoTec 2011 events. The 18 revised full papers and 6 short papers presented were carefully reviewed and selected from 55 submissions. The papers presented at DAIS 2011 address key challenges of modern distributed services and applications, including pervasiveness and peer-to-peer environments, and tackle issues related to adaptation, interoperability, availability and performance, as well as dependability and security.

Mobile Wireless Middleware, Operating Systems, and Applications

Third International Conference, Mobilware 2010, Chicago, IL, USA, June 30 - July 2, 2010, Revised Selected Papers

Springer The advances in wireless communication technologies and the proliferation of mobile devices have enabled the realization of intelligent environments for people to communicate with each other, interact with information-processing devices, and receive a wide range of mobile wireless services through various types of networks and systems everywhere, anytime. A key enabler of this pervasive and ubiquitous connectivity environments is the advancement of software technology in various communication sectors, ranging from communication middleware and operating systems to networking protocols and applications. The international conference series on Mobile Wireless Middleware, Operating Systems, and Applications (MOBILWARE) is dedicated to address emerging topics and challenges in various mobile wireless software-related areas. The scope of the conference includes the design, implementation, deployment, and evaluation of middleware, operating systems, and applications for computing and communications in mobile wireless systems. MOBILWARE 2010 was the third edition of this conference, which was made possible thanks to the sponsorship of ICST and Create-Net and most importantly the hard work of the TPC and reviewers. Similar to the last successful

editions, we had 35 submissions from 23 different countries this year, reflecting the international interest for the conference topics. After a thorough review process, we finalized an excellent technical program including 18 regular papers and 4 short papers.

Advances in Visual Informatics

7th International Visual Informatics Conference, IVIC 2021, Kajang, Malaysia, November 23–25, 2021, Proceedings

Springer Nature This book constitutes the refereed proceedings of the 7th International Conference on Advances in Visual Informatics, IVIC 2021, held in Selangor, Malaysia in November 2021. The 59 papers presented were carefully reviewed and selected from 114 submissions. The papers are organized into the following topics: Visualization and Digital Innovation; Engineering and Digital Innovation; Cyber Security and Digital Innovation; and Energy Informatics and Digital Innovation.

Web-powered Databases

IGI Global This text provides a snapshot of contemporary research and development activities in the area of Web and Internet databases. It also provides case studies of successful Web database applications, including an online pay claim, a product catalogue and multiple-choice assessment through the Web.

Internetware

A New Software Paradigm for Internet Computing

Springer This book presents a comprehensive introduction to Internetware, covering aspects ranging from the fundamental principles and engineering methodologies to operational platforms, quality measurements and assurance and future directions. It also includes guidelines and numerous representative real-world case studies that serve as an invaluable reference resource for software engineers involved in the development of Internetware applications. Providing a detailed analysis of current trends in modern software engineering in the Internet, it offers an essential blueprint and an important contribution to the research on software engineering and systems for future Internet computing.

Ontology Theory, Management and Design: Advanced Tools and Models

Advanced Tools and Models

IGI Global "The focus of this book is on information and communication sciences, computer science, and artificial intelligence and provides readers with access to the latest knowledge related to design, modeling and implementation of ontologies"--Provided by publisher.

Service-Oriented Computing

Semantics, Processes, Agents

John Wiley & Sons This comprehensive text explains the principles and practice of Web services and relates all concepts to practical examples and emerging standards. Its discussions include: Ontologies Semantic web technologies Peer-to-peer service discovery Service selection Web structure and link analysis Distributed transactions Process modelling Consistency management. The application of these technologies is clearly explained within the context of planning, negotiation, contracts, compliance, privacy, and network policies. The presentation of the intellectual underpinnings of Web services draws from several key disciplines such as databases, distributed computing, artificial intelligence, and multi-agent systems for techniques and formalisms. Ideas from these disciplines are united in the context of Web services and service-based applications. Featuring an accompanying website and teacher's manual that includes a complete set of transparencies for lectures, copies of open-source software for exercises and working implementations, and resources to conduct course projects, this book makes an excellent graduate textbook. It will also prove an invaluable reference and training tool for practitioners.

Science and Global Challenges of the 21st Century --

Science and Technology

Proceedings of the International Perm Forum "Science and Global Challenges of the 21st Century"

Springer Nature This book comprises the proceedings of the International Perm Forum "Science and Global Challenges of the 21st Century" held on October 18th 23rd, 2021, at Perm State University, Perm, Russia. Global challenges, which determine the main trends in the development of social and economic life in the XXI century, require the integration of specialists in various fields of knowledge. That is why the main principle of this edition is interdisciplinarity, the formation of end-to-end innovation chains, including fundamental and applied research, and the wide application of smart innovations, networks, and information technologies. The authors seek to find synergy between technologies and such fields as computer science, geosciences, biology, linguistics, social studies, historical studies, and economics. The book is of interest to researchers seeking nontrivial solutions at the interface of sciences, digital humanities, computational linguistics, cognitive studies, machine learning, and others

Inter-cooperative Collective Intelligence: Techniques and Applications

Springer This book covers the latest advances in the rapid growing field of inter-cooperative collective intelligence aiming the integration and cooperation of various computational resources, networks and intelligent processing paradigms to collectively build intelligence and advanced decision support and interfaces for end-users. The book brings a comprehensive view of the state-of-the-art in the field of integration of sensor networks, IoT and Cloud computing, massive and intelligent querying and processing of data. As a result, the book presents lessons learned so far and identifies new research issues, challenges and opportunities for further research and development agendas. Emerging areas of applications are also identified and usefulness of inter-cooperative collective intelligence is envisaged. Researchers, software developers, practitioners and students interested in the field of inter-cooperative collective intelligence will find the comprehensive coverage of this book useful for their research, academic, development and practice activity.

Big Digital Humanities

Imagining a Meeting Place for the Humanities and the Digital

University of Michigan Press Big Digital Humanities has its origins in a series of seminal articles Patrik Svensson published in the Digital Humanities Quarterly between 2009 and 2012. As these articles were coming out, enthusiasm around Digital Humanities was acquiring a great deal of momentum and significant disagreement about what did or didn't "count" as Digital Humanities work. Svensson's articles provided a widely sought after omnibus of Digital Humanities history, practice, and theory. They were informative and knowledgeable and tended to foreground reportage and explanation rather than utopianism or territorial contentiousness. In revising his original work for book publication, Svensson has responded to both subsequent feedback and new developments. Svensson's own unique perspective and special stake in the Digital Humanities conversation comes from his role as director of the HUMlab at Umeå University. HUMlab is a unique collaborative space and Digital Humanities center, which officially opened its doors in 2000. According to its own official description, the HUMlab is an open, creative studio environment where "students, researchers, artists, entrepreneurs and international guests come together to engage in dialogue, experiment with technology, take on challenges and move scholarship forward." It is this last element "moving scholarship forward" that Svensson argues is the real opportunity in what he terms the "big digital humanities," or digital humanities as practiced in collaborative spaces like the HUMlab, and he is uniquely positioned to take an account of this evolving dimension of Digital Humanities practice.

Robotics Software Design and Engineering

BoD - Books on Demand Robotics Software Design and Engineering is an edited volume on robotics. Chapters cover such topics as cognitive robotics systems, artificial intelligence, force feedback, autonomous driving embedded systems, multi-robot systems, a robot software framework for Real-time Control systems, and Industry 4.0. Also discussed are humanoid robots, aerial and work vehicles, and robot manipulators.

Model Driven Engineering Languages and Systems

15th International Conference, MODELS 2012, Innsbruck, Austria, September 30 -- October 5, 2012, Proceedings

Springer This book constitutes the refereed proceedings of the 15th International Conference on Model Driven Engineering Languages and Systems, MODELS 2012, held in Innsbruck, Austria, in September/October 2012. The 50 papers presented in this volume were carefully reviewed and selected from a total of 181 submissions. They are organized in topical sections named: metamodels and domain specific modeling; models at runtime; model management; modeling methods and tools, consistency analysis, software product lines; foundations of modeling; static analysis techniques; model testing and simulation; model transformation; model matching, tracing and synchronization; modeling practices and experience; and model analysis.

Semantics in Data and Knowledge Bases

5th International Workshop SDKB 2011, Zürich, Switzerland, July 3, 2011, Revised Selected Papers

Springer This book constitutes the thoroughly refereed post-conference proceedings of the 5th International Workshop on Semantics in Data and Knowledge Bases, SDKB 2011, held in July 2011 in Zürich, Switzerland. The 8 revised full papers presented were carefully selected from numerous submissions covering topics of formal models for data and knowledge bases, integrity constraints maintenance and dependency theory, formal methods for data and knowledge base design, reasoning about data and knowledge base dynamics, adaptivity for personalised data and knowledge bases view-centered data- and knowledge-intensive systems, information integration in data and knowledge bases, knowledge discovery in data and knowledge bases, validation and verification of data and knowledge base designs, formal linguistics for data and knowledge bases, logical and mathematical foundations of semantics, semantics in data- and knowledge-intensive applications.

Applied Semantic Web Technologies

CRC Press The rapid advancement of semantic web technologies, along with the fact that they are at various levels of maturity, has left many practitioners confused about the current state of these technologies. Focusing on the most mature technologies, Applied Semantic Web Technologies integrates theory with case studies to illustrate the history, current state, and future direction of the semantic web. It maintains an emphasis on real-world applications and examines the technical and practical issues related to the use of semantic technologies in intelligent information management. The book starts with an introduction to the fundamentals—reviewing ontology basics, ontology languages, and research related to ontology alignment, mediation, and mapping. Next, it covers ontology engineering issues and presents a collaborative ontology engineering tool that is an extension of the Semantic MediaWiki. Unveiling a novel approach to data and knowledge engineering, the text: Introduces cutting-edge taxonomy-aware algorithms Examines semantics-based service composition in transport logistics Offers ontology alignment tools that use information visualization techniques Explains how to enrich the representation of entity semantics in an ontology Addresses challenges in tackling the content creation bottleneck Using case studies, the book provides authoritative insights and highlights valuable lessons learned by the authors—information systems veterans with decades of experience. They explain how to create social ontologies and present examples of the application of semantic technologies in building automation, logistics, ontology-driven business process intelligence, decision making, and energy efficiency in smart homes.

Sensor Systems and Software

Second International ICST Conference, S-Cube 2010, Miami, FL, December 13-15, 2010, Revised Selected Papers

Springer Science & Business Media This book constitutes the thoroughly refereed post-conference proceedings of the Second International ICST Conference on Sensor Systems and Software, S-Cube 2010, held in Miami, Florida, USA, in December 2010. The 17 revised full papers presented were carefully reviewed and selected and cover a wide range of topics including sensor application programming paradigms, novel sensor applications, sensor network middleware, trust security and privacy, wireless sensor network management and monitoring, and sensor application development support systems.

Middleware for Network Eccentric and Mobile

Applications

Springer Science & Business Media Middleware is a critical foundation needed to leverage the development of a wide range of mobile and ubiquitous applications. Intrinsic challenges when building such middleware require the combination of expertise from areas like distributed systems, networking, software engineering, and application development. This textbook provides a comprehensive introduction to the main fundamental problems, technologies, paradigms, and solutions of concern to developers of middleware for mobile environments. The contributions are grouped into four parts, on networking and programming issues, communication models, middleware issues, and application issues. Each chapter is structured as a self-contained tutorial, presenting an overview of a specific topic and the state-of-the-art solutions for the related problems. In addition, the book also includes an authoritative reference list. The material has been successfully used in several thematic training schools organized by the ESF MiNEMA (Middleware for Network Eccentric and Mobile Applications) program, and the book's organization and presentation is ideal for an advanced course on middleware.

Communication in Multiagent Systems

Agent Communication Languages and Conversation Policies

Springer Agents in multiagent systems are concurrent autonomous entities that need to coordinate and to cooperate so as to perform their tasks; these coordination and cooperation tasks might be achieved through communication. Communication, also called interaction by some authors, thus represents one of the major topics in multiagent systems. The state of the art of research on communication in multiagent systems is presented in this book. First, three seminal papers by Cohen and Perrault, by Singh, and by Davis and Smith present background information and introduce the newcomer to the area. The main part of the book is devoted to current research work dealing with agent communication, communication for coordination and argumentation, protocols, and dialogue games and conversational agents. Finally, the last paper deals with the future of agent communication.

Advanced Computing

First International Conference on Computer Science and Information Technology, CCSIT 2011, Bangalore, India, January 2-4, 2011. Proceedings, Part III

Springer This volume constitutes the third of three parts of the refereed proceedings of the First International Conference on Computer Science and Information Technology, CCSIT 2010, held in Bangalore, India, in January 2011. The 46 revised full papers presented in this volume were carefully reviewed and selected. The papers are organized in topical sections on soft computing, such as AI, Neural Networks, Fuzzy Systems, etc.; distributed and parallel systems and algorithms; security and information assurance; ad hoc and ubiquitous computing; wireless ad hoc networks and sensor networks.

Emerging Solutions for Future Manufacturing Systems

IFIP TC 5 / WG 5.5. Sixth IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services, 27-29 September 2004, Vienna, Austria

Springer Industries and particularly the manufacturing sector have been facing difficult challenges in a context of socio-economic turbulence characterized by complexity as well as the speed of change in causal interconnections in the socio-economic environment. In order to respond to these challenges companies are forced to seek new technological and organizational solutions. In this context two main characteristics emerge as key properties of a modern automation system - agility and distribution. Agility because systems need not only to be flexible in order to adjust to a number of a-priori defined scenarios, but rather must cope with unpredictability. Distribution in the sense that automation and business processes are becoming distributed and supported by collaborative networks. Emerging Solutions for Future Manufacturing Systems includes the papers selected for the BASYS'04 conference, which was held in Vienna, Austria in September 2004 and sponsored by the International Federation for Information Processing (IFIP).

Intelligent Computing and Applications

Proceedings of the International Conference on ICA, 22-24 December 2014

Springer The idea of the 1st International Conference on Intelligent Computing and Applications (ICICA 2014) is to bring the Research Engineers, Scientists, Industrialists, Scholars and Students together from in and around the globe to present the on-going research activities and hence to encourage research interactions between universities and industries. The conference provides opportunities for the delegates to exchange new ideas, applications and experiences, to establish research relations and to find global partners for future collaboration. The proceedings covers latest progresses in the cutting-edge research on various research areas of Image, Language Processing, Computer Vision and Pattern Recognition, Machine Learning, Data Mining and Computational Life Sciences, Management of Data including Big Data and Analytics, Distributed and Mobile Systems including Grid and Cloud infrastructure, Information Security and Privacy, VLSI, Electronic Circuits, Power Systems, Antenna, Computational fluid dynamics & Heat transfer, Intelligent Manufacturing, Signal Processing, Intelligent Computing, Soft Computing, Bio-informatics, Bio Computing, Web Security, Privacy and E-Commerce, E-governance, Service Orient Architecture, Data Engineering, Open Systems, Optimization, Communications, Smart wireless and sensor Networks, Smart Antennae, Networking and Information security, Machine Learning, Mobile Computing and Applications, Industrial Automation and MES, Cloud Computing, Green IT, IT for Rural Engineering, Business Computing, Business Intelligence, ICT for Education for solving hard problems, and finally to create awareness about these domains to a wider audience of practitioners.

Encyclopedia of Information Science and Technology, Third Edition

IGI Global "This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher.

Towards the Semantic Web

Ontology-driven Knowledge Management

John Wiley & Sons Foreword. Biographies. List of Contributors. Acknowledgments. Introduction (J. Davies, et al.). OIL and DAML+OIL: Ontology Languages for the Semantic Web (D. Fensel, et al.). A Methodology for Ontology-based Knowledge Management (Y. Sure and R. Studer). Ontology Management: Storing, Aligning and Maintaining Ontologies (M. Klein, et al.). Sesame: A Generic Architecture for Storing and Querying RDF and RDF Schema (J. Broekstra, et al.). Generating Ontologies for the Semantic Web: OntoBuilder (R. Engels and T. Lech). OntoEdit: Collaborative Engineering of Ontologies (Y. Sure, et al.). QuizRDF: Search Technology for the Semantic Web (J. Davies, et al.). Spectacle (C. Fluit, et al.). OntoShare: Evolving Ontologies in a Knowledge Sharing System (J. Davies, et al.). Ontology Middleware and Reasoning (A. Kiryakov, et al.). Ontology-based Knowledge Management at Work: The Swiss Life Case Studies (U. Reimer, et al.). Field Experimenting with Semantic Web Tools in a Virtual Organization (V. Iosif, et al.). A Future Perspective: Exploiting Peer-to-Peer and the Semantic Web for Knowledge Management (D. Fensel, et al.). Conclusions: Ontology-driven Knowledge Management - Towards the Semantic Web? (J. Davies, et al.). References. Index.

Emerging Methods, Technologies, and Process Management in Software Engineering

John Wiley & Sons A high-level introduction to new technologies and methods in the field of software engineering Recent years have witnessed rapid evolution of software engineering methodologies, and until now, there has been no single-source introduction to emerging technologies in the field. Written by a panel of experts and divided into four clear parts, Emerging Methods, Technologies, and Process Management in Software Engineering covers: Software Architectures - Evolution of software composition mechanisms; compositionality in software product lines; and teaching design patterns Emerging Methods - The impact of agent-oriented software engineering in service-oriented computing; testing object-oriented software; the UML and formal methods; and modern Web application development Technologies for Software Evolution - Migrating to Web services and software evolution analysis and visualization Process Management - Empirical experimentation in software engineering and foundations of agile methods Emerging Methods, Technologies, and Process Management in Software Engineering is a one-stop resource for software engineering practitioners and professionals, and also serves as an ideal textbook for undergraduate and graduate students alike.

Object-Oriented Information Systems

8th International Conference, OOIS 2002, Montpellier, France, September 2-5, 2002, Proceedings

Springer This book constitutes the refereed proceedings of the 8th International Conference on Object-Oriented Information Systems, OOIS 2002, held in Montpellier, France, in September 2002. The 34 revised full papers and 17 short papers presented were carefully reviewed and selected from 116 submissions. The papers are organized in topical sections on developing web services, object databases, XML and web, component and ontology, UML modeling, object modeling and information systems adaptation, e-business models and workflow, performance and method evaluation, programming and tests, software engineering metries, web-based information systems, architecture and Corba, and roles and evolvable objects.

Handbook of Research on Architectural Trends in Service-Driven Computing

IGI Global Research into the next generation of service architecture techniques has enabled the design, development, and implementation of dynamic, adaptive, and autonomic services to enable enterprises to efficiently align information technology with their agile business requirements and foster smart services and seamless enterprise integration. Handbook of Research on Architectural Trends in Service-Driven Computing explores, delineates, and discusses recent advances in architectural methodologies and development techniques in service-driven computing. This comprehensive publication is an inclusive reference source for organizations, researchers, students, enterprise and integration architects, practitioners, software developers, and software engineering professionals engaged in the research, development, and integration of the next generation of computing.

Theoretical and Practical Advances in Information Systems Development: Emerging Trends and Approaches

Emerging Trends and Approaches

IGI Global Information system design and development is of interest and importance to researchers and practitioners, as advances in this discipline impact a number of other related fields and help to guide future research. Theoretical and Practical Advances in Information Systems Development: Emerging Trends and Approaches contains fundamental concepts, emerging theories, and practical applications in database management, systems analysis and design, and software engineering. Contributions present critical findings in information resources management that inform and advance the field.

Ambient Assisted Living and Active Aging

5th International Work-Conference, IWAAL 2013, Carrillo, Costa Rica, December 2-6, 2013, Proceedings

Springer This book constitutes the refereed proceedings of the 5th International Workshop on Ambient Assisted Living, IWAAL 2013, held in Carrillo, Costa Rica, in December 2013. The 13 full papers and 7 short papers were carefully reviewed and selected from 23 submissions. The focus of the papers is on following topics: AAL environments, user interaction and assistive solutions, sensing and activity recognition and key application domains.

Medical Applications of Artificial Intelligence

CRC Press Enhanced, more reliable, and better understood than in the past, artificial intelligence (AI) systems can make providing healthcare more accurate, affordable, accessible, consistent, and efficient. However, AI technologies have not been as well integrated into medicine as predicted. In order to succeed, medical and computational scientists must develop hybrid systems that can effectively and efficiently integrate the experience of medical care professionals with capabilities of AI systems. After providing a general overview of artificial intelligence concepts, tools, and techniques, Medical Applications of Artificial Intelligence reviews the research, focusing on state-of-the-art projects in the field. The book captures the breadth and depth of the medical applications of artificial intelligence, exploring new developments and persistent challenges.

Adaptive Middleware for the Internet of Things

The GAMBAS Approach

CRC Press Over the past years, a considerable amount of effort has been devoted, both in industry and academia, towards the development of basic technology as well as innovative applications for the Internet of Things. Adaptive Middleware for the Internet of Things introduces a scalable, interoperable and privacy-preserving approach to realize IoT applications and discusses abstractions and mechanisms at the middleware level that simplify the realization of services that can adapt autonomously to the behavior of their users. Technical topics discussed in the book include: Behavior-driven Autonomous Services, GAMBAS Middleware Architecture, Generic and Efficient Data Acquisition, Interoperable and Scalable Data Processing, Automated Privacy Preservation. Adaptive Middleware for the Internet of Things summarizes the results of the GAMBAS research project funded by the European Commission under Framework Programme 7. It provides an in-depth description of the middleware system developed by the project consortium. In addition, the book describes several innovative mobility and monitoring applications that have been built, deployed and operated to evaluate the middleware under realistic conditions with a large number of users. Adaptive Middleware for the Internet of Things is ideal for personnel in the computer and communication industries as well as academic staff and research students in computer science interested in the development of systems and applications for the Internet of Things.

Location- and Context-Awareness

First International Workshop, LoCA 2005, Oberpfaffenhofen, Germany, May 12-13, 2005, Proceedings

Springer Science & Business Media Context-awareness is one of the drivers of the ubiquitous computing paradigm. Well-designed context modeling and context retrieval approaches are key prerequisites in any context-aware system. Location is one of the primary aspects of all major context models — together with time, identity and activity. From the technical side, sensing, fusing and distributing location and other context information is as important as providing context-awareness to applications and services in pervasive systems. The materials summarized in this volume were selected for the 1st International Workshop on Location- and Context-Awareness (LoCA 2005) held in cooperation with the 3rd International Conference on Pervasive Computing 2005. The workshop was organized by the Institute of Communications and Navigation of the German Aerospace Center (DLR) in Oberpfaffenhofen, and the Mobile and Distributed Systems Group of the University of Munich. During the workshop, novel positioning algorithms and location sensing techniques were discussed, comprising not only enhancements of singular systems, like positioning in GSM or WLAN, but also hybrid technologies, such as the integration of global satellite systems with inertial positioning. Furthermore, improvements in sensor technology, as well as the integration and fusion of sensors, were addressed both on a theoretical and on an implementation level. Personal and confidential data, such as location data of users, have profound implications for personal information privacy. Thus privacy protection, privacy-oriented location-aware systems, and how privacy affects the feasibility and usefulness of systems were also addressed in the workshop.

Mobile and Ubiquitous Systems: Computing, Networking, and Services

8th International ICST Conference, MobiQuitous 2011, Copenhagen, Denmark, December 6-9, 2011, Revised Selected Papers

Springer This book constitutes the thoroughly refereed post-conference proceedings of the 8th International ICST Conference on Mobile and Ubiquitous Systems: Computing, Networking, and Services, MobiQuitous 2011, held in Copenhagen, Denmark, in December 2011. The 34 revised full papers presented were carefully reviewed and selected from numerous submissions. They cover a wide range of topics ranging from localization and tracking, search and discovery, classification and profiling, context awareness and architecture, location and activity recognition as well as a best paper session, an industry track, and poster and demo papers.

Innovations and Approaches for Resilient and Adaptive

Systems

IGI Global Our society continues to depend upon systems that are built in a way that they end up being inflexible and intolerant to change. Therefore there is an urgent need to investigate innovations and approaches to the management of adaptive and dependable systems. These studies are usually implemented through design, development, and the evaluation of techniques and models to structure computer systems as adaptive systems. *Innovations and Approaches for Resilient and Adaptive Systems* is a comprehensive collection of knowledge on increasing the notions and models in adaptive and dependable systems. This book aims to enhance the awareness of the role of adaptability and resilience in system environments for researchers, practitioners, educators, and professionals alike.

Service-Oriented Computing – ICSOC 2018 Workshops ADMS, ASOCA, ISYyCC, CloTS, DDBS, and NLS4IoT, Hangzhou, China, November 12–15, 2018, Revised Selected Papers

Springer This book constitutes the revised selected papers of the scientific satellite events that were held in conjunction with the 16th International Conference on Service-Oriented Computing, ICSOC 2018, held in Hangzhou, China, in November 2018. The ICSOC 2018 workshop track consisted of six workshops on a wide range of topics that fall into the general area of service computing. A special focus this year was on Internet of Things, Data Analytics, and Smart Services: First International Workshop on Data-Driven Business Services (DDBS) First International Workshop on Networked Learning Systems for Secured IoT Services and Its Applications (NLS4IoT) 8th International Workshop on Context-Aware and IoT Services (CloTS) Third International Workshop on Adaptive Service-oriented and Cloud Applications (ASOCA2018) Third International Workshop on IoT Systems for Context-aware Computing (ISyCC) First International Workshop on AI and Data Mining for Services (ADMS)

Multiagent System Technologies

8th German Conference, MATES 2010, Leipzig, Germany, September 27-29, 2010 Proceedings

Springer Annotation. This book constitutes the proceedings of the 8th German Conference on Multiagent System Technologies held in Leipzig, Germany, in September 2010.

Handbook of Research on P2P and Grid Systems for Service-Oriented Computing: Models, Methodologies and Applications

Models, Methodologies and Applications

IGI Global Addresses the need for peer-to-peer computing and grid paradigms in delivering efficient service-oriented computing.

The Human Face of Ambient Intelligence

Cognitive, Emotional, Affective, Behavioral and Conversational Aspects

Springer As a socially disruptive technology, Ambient Intelligence is ultimately directed towards humans and targeted at the mundane life made of an infinite richness of circumstances that cannot fully be considered and easily be anticipated. Most books, however, focus their analysis on, or deal largely with, the advancement of the technology and its potential only. This book offers a fresh, up-to-date, and holistic approach to Ambient Intelligence. As such, it addresses the interdisciplinary and transdisciplinary aspects of the rapidly evolving field of Ambient Intelligence by seamlessly integrating and fusing it with artificial intelligence, cognitive science and psychology, social sciences, and humanities. It is divided into two main parts: Part 1 is about different permutations of enabling technologies as well as core computational capabilities, namely context awareness, implicit and natural interaction, and intelligent behavior. It details the existing and upcoming prerequisite technologies, and elucidates the application and convergence of major

current and future computing trends. Part 2 is an accessible review and synthesis of the latest research in the human-directed sciences and computing and how these are intricately interrelated in the realm of Ambient Intelligence. It deals with the state-of-the-art human-inspired applications which show human-like understanding and exhibit intelligent behavior in relation to a variety of aspects of human functioning – states and processes. It describes and elaborates on the rich potential of Ambient Intelligence from a variety of interrelated perspectives and the plethora of challenges and bottlenecks involved in making Ambient Intelligence a reality, and also discusses the established knowledge and recent discoveries in the human-directed sciences and their application and convergence in the ambit of Ambient Intelligence computing. This seminal reference work is the most comprehensive of its kind, and will prove invaluable to students, researchers, and professionals across both computing and the human-directed sciences.

Data-Driven Cognitive Manufacturing - Applications in Predictive Maintenance and Zero Defect Manufacturing

Frontiers Media SA

Computer Supported Cooperative Work in Design III 10th International Conference, CSCWD 2006, Nanjing, China, May 3-5, 2006, Revised Selected Papers

Springer This book constitutes the thoroughly refereed post-proceedings of the 10th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2006, held in Nanjing, China in May 2006. Among topics covered are CSCW techniques and methods, collaborative design, collaborative manufacturing and enterprise collaboration, Web services, knowledge management, security and privacy in CSCW systems, workflow management, and e-learning.

Model-Driven Engineering and Software Development 4th International Conference, MODELSWARD 2016, Rome, Italy, February 19-21, 2016, Revised Selected Papers

Springer This book constitutes thoroughly revised and selected papers from the 4th International Conference on Model-Driven Engineering and Software Development, MODELSWARD 2016, held in Rome, Italy, in February 2016. The 17 thoroughly revised and extended papers presented in this volume were carefully reviewed and selected from 118 submissions. They are organized in topical sections named: modeling languages, tools and architectures; methodologies, processes and platforms; applications and software development.