

organized with the aim to bring together researchers and practitioners in Information Systems, Databases and Software Engineering who have interests in object oriented information systems. The objective is to advance understanding about how the object technology can empower information systems in organizations, on techniques for designing effective and efficient information systems and methods and development tools for information systems engineering. The conference aims also at discussing the lessons learned from large scale projects using objects. The call for oms was given international audience.

Conceptual Modeling -- ER 2003

Handbook of Research on Modern Systems Analysis and Design Technologies and Applications

Proceedings of TAMoCo 2009

IAENG Transactions on Engineering Sciences

13th International Conference, ICCSA 2013, Ho Chi Minh City, Vietnam, June 24-27, 2013, Proceedings, Part IV

Business Systems and Services: Modeling and Development

Springer Handbook of Geographic Information

Concise and easy-to-understand guidelines and standards for creating UML 2.0 diagrams.

The Unified Modeling Language (UML) is one of the most important languages for anyone in the software industry to know. The UML is a visual language enabling architects, designers, and developers to communicate about design. Seemingly simple on the surface, the UML is

rich and expressive language, with many visual syntactical elements. It's next to impossible to memorize all aspects of the UML. Just as a writer might require a dictionary to work with the spoken word, so too do UML practitioners require a dictionary of sorts. In this book,

find information on UML usage, and also on the symbols, line-endings, and syntax used for the following diagram types: Class diagrams Component diagrams Behavioral diagrams Sequence diagrams Statechart diagrams Object diagrams Deployment diagrams Use case

diagrams Collaboration diagrams Activity diagrams Let this book be your UML dictionary. It's clear, concise, and small. Keep this book at hand, and never again be stymied by an unfamiliar UML symbol, a line-ending you don't recognize, or the use of an unfamiliar diagram type.

O'Reilly's Pocket References have become a favorite among programmers everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you need to get to a solution

quickly, the new UML Pocket Reference is the book you'll want to have.

This book constitutes the refereed proceedings of the 19th International Conference on Conceptual Modeling, ER 2000, held in Salt Lake City, Utah, USA in October 2000. The 37 revised full papers presented together with three invited papers and eight industrial abstracts were

carefully reviewed and selected from a total of 140 submitted papers. The book offers topical sections on database integration, temporal and active database modeling, database and data warehouse design techniques, analysis patterns and ontologies, Web-based information

systems, business process modeling, conceptual modeling and XML, engineering and multimedia application modeling, object-oriented modeling, applying object-oriented technology, quality in conceptual modeling, and application design using UML.

This book constitutes the refereed proceedings of the 6th International Conference on the Unified Modelling Language, UML 2003, held in San Francisco, CA, USA in October 2003. The 25 revised full papers, 4 tool papers, and 1 experience paper presented together with the

abstracts of 3 invited talks and summaries on the UML 2003 workshop and tutorials were carefully reviewed and selected from initially 168 submissions. The papers are organized in topical sections on practical model management, time and quality of service, tools, composition

and architecture, transformation, Web related issues, testing and validation, improving UML/OCL, consistency, and methodology.

Second International Conference, ACIIDS 2010, Hue City, Vietnam, March 24-26, 2010, Proceedings, Part II

10th International Conference on Formal Engineering Methods ICFEM 2008, Kitakyushu-City, Japan, October 27-31, 2008, Proceedings

On the Move to Meaningful Internet Systems 2005

UML Distilled

Object Modeling with the OCL

7th International Conference in Web Information Systems Engineering, Wuhan, China, October 23-26, 2006, Proceedings

Conceptual Modeling - ER 2000

This book sets the modern infrastructure of smart devices and services into the perspective of the future smart cities and communities. In the course of this, it discusses the major technological solutions and steps toward integrated logistics solutions to be used in these environments with their benefits in terms of efficiency, interoperability, and sustainability. By doing so, it paves the logistician's way toward the aspired innovation society.

This book constitutes the refereed proceedings of the 10th International Conference on Formal Engineering Methods, ICFEM 2008, held in Kitakyushu-City, Japan, October 2008. The 20 revised full papers together with 3 invited talks presented were carefully reviewed and selected from 62 submissions. The papers address all current issues in formal methods and their applications in software engineering. They are organized in topical sections on specification and verification; testing; verification; model checking and analysis; tools; application of formal methods; semantics.

This book constitutes the refereed joint proceedings of seven international workshops held in conjunction with the 27th International Conference on Conceptual Modeling, ER 2008, in Barcelona, Spain, in October 2008. The 42 revised full papers presented were carefully reviewed and selected from 108 submissions. Topics addressed by the workshops are conceptual modeling for life sciences applications (CMLSA 2008), evolution and change in data management (ECDM 2008), foundations and practices of UML (FP-UML 2008), modeling mobile applications and services (M2AS 2008), requirements, intentions and goals in conceptual modeling (RIGiM 2008), semantic and conceptual issues in geographic information systems (SeCoGIS 2008), and Web information systems modeling (WISM 2008).

The book includes the insights that reflect 'Advances in Computer and Computational Sciences' from upcoming researchers and leading academicians across the globe. It contains the high-quality peer-reviewed papers of 'International Conference on Computer, Communication and Computational Sciences (IC4S 2017), held during 11-12 October, 2017 in Thailand. These papers are arranged in the form of chapters. The content of this book is divided into two volumes that cover variety of topics such as intelligent hardware and software design, advanced communications, intelligent computing techniques, intelligent image processing, and web and informatics. This book helps the perspective readers' from computer industry and academia to derive the advances of next generation computer and communication technology and shape them into real life applications.

1998 International Conference on Object-Oriented Information Systems, 9-11 September 1998, Paris Proceedings

Mobile Computing Principles

City Preparedness for the Climate Crisis

Innovations in Smart Cities Applications Edition 2

Proceedings of the Tenth International Conference

Information Modelling and Knowledge Bases XII

Advances in Computer Communication and Computational Sciences

Model-Driven Software Development: Integrating Quality Assurance***Integrating Quality Assurance******IGI Global***

A coherent and integrated account of the leading UML 2 semantics work and the practical applications of UML semantics development With contributions from leading experts in the field, the book begins with an introduction to UML and goes on to offer in-depth and up-to-date coverage of: The role of semantics Considerations and rationale for a UML system model Definition of the UML system model UML descriptive semantics Axiomatic semantics of UML class diagrams The object constraint language Axiomatic semantics of state machines A coalgebraic semantic framework for reasoning about interaction designs Semantics of activity diagrams Verification of UML models State invariants Model transformation specification and verification Additionally, readers are provided with expert guidance on how to resolve semantic problems and a section on applications of UML semantics with model analysis. UML 2 Semantics and Applications is an ideal resource for researchers and tool-builders working in UML, among others. It is also an excellent textbook for postgraduate teaching and research.

Exploring the ways that contemporary urban life takes the Holocene for granted, this multidisciplinary book warns that anthropogenic environmental impacts are on course to challenge the viability of most human settlements. It highlights how, despite increased warnings, most cities appear to be in denial of the potential impending catastrophes and remain ill-prepared to handle major disruptions.

Advanced approaches to software engineering and design are capable of solving complex computational problems and achieving standards of performance that were unheard of only decades ago. Handbook of Research on Emerging Advancements and Technologies in Software Engineering presents a comprehensive investigation of the most recent discoveries in software engineering research and practice, with studies in software design, development, implementation, testing, analysis, and evolution. Software designers, architects, and technologists, as well as students and educators, will find this book to be a vital and in-depth examination of the latest notable developments within the software engineering community.

Handbook of Research on Emerging Advancements and Technologies in Software Engineering

24th International Conference, ICIST 2018, Vilnius, Lithuania, October 4-6, 2018, Proceedings

UML 2003 -- The Unified Modeling Language, Modeling Languages and Applications

8th International Conference, MoDELS 2005, Montego Bay, Jamaica, October 2-7, 2005, Proceedings

OOS'98

Designing and Developing Mobile Applications with UML and XML

Industrial and Engineering Applications of Artificial Intelligence and Expert Systems

This book constitutes the joint refereed proceedings of nine international workshops held as part of OTM 2005 in Agia Napa, Cyprus in October/November 2005. The 145 revised full papers presented were carefully reviewed and selected from a total of 268 submissions. Topics addressed are agents, Web services and ontologies merging (AWeSOMe 2005), context-aware mobile systems (CAMS 2005), grid computing and its application to data analysis (GADA 2005), inter-organizational systems and interoperability of enterprise software and applications (MIOS+INTEROP 2005), object-role modeling (ORM 2005), a PHD symposium (PhDS 2005), semantic-based geographical information systems (SeBGIS 2005), Web semantics (SWWS

2005), and ontologies, semantics and e-learning (WOSE 2005).

This book constitutes the refereed proceedings of the 22nd International Conference on Conceptual Modeling, ER 2003, held in Chicago, IL, USA in October 2003. The 38 revised full papers presented together with abstracts of 4 invited talks and 7

industrial presentations were carefully reviewed and selected from 153 submissions. The papers are organized in topical sections on systems and data integration; workflows, patterns, and ontologies; metamodeling and methodology; view and XQuery approaches; web application modeling and development; requirements and evolution; data warehousing and OLAP; conceptual modeling foundations; data mining; innovative approaches; queries; and schema and ontology integration.

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.

Web Information Systems - WISE 2006

Advances in Conceptual Modeling - Challenges and Opportunities

Formal Methods and Software Engineering

The Proceedings of the Third International Conference on Smart City Applications

APPLYING UML & PATTERNS 3RD EDITION

UML Pocket Reference