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LNCSE 14320

# Conceptual Modeling

42nd International Conference, ER 2023  
Lisbon, Portugal, November 6–9, 2023  
Proceedings



# Nice Conceptual Modeling International Conference Proceedings

**Paolo Atzeni, David Cheung, Sudha Ram**



## **Nice Conceptual Modeling International Conference Proceedings:**

*Conceptual Modeling - ER 2000* International Conference on Conceptual Modeling, 2000      Handbook of Conceptual Modeling David W. Embley, Bernhard Thalheim, 2012-04-23 Conceptual modeling is about describing the semantics of software applications at a high level of abstraction in terms of structure behavior and user interaction Embley and Thalheim start with a manifesto stating that the dream of developing information systems strictly by conceptual modeling as expressed in the phrase the model is the code is becoming reality The subsequent contributions written by leading researchers in the field support the manifesto's assertions showing not only how to abstractly model complex information systems but also how to formalize abstract specifications in ways that let developers complete programming tasks within the conceptual model itself They are grouped into sections on programming with conceptual models structure modeling process modeling user interface modeling and special challenge areas such as conceptual geometric modeling information integration and biological conceptual modeling The Handbook of Conceptual Modeling collects in a single volume many of the best conceptual modeling ideas techniques and practices as well as the challenges that drive research in the field Thus it is much more than a traditional handbook for advanced professionals as it also provides both a firm foundation for the field of conceptual modeling and points researchers and graduate students towards interesting challenges and paths for how to contribute to this fundamental field of computer science      **Hybrid Modeling and Simulation** Masoud Fakhimi, Navonil

Mustafee, 2024-08-23 The unique book advances understanding of modelling complex systems using hybrid approaches that combine discrete event agent based and system dynamic simulations with research approaches and artefacts from other scientific disciplines As systems become increasingly large and complex it is a challenge to capture the intricacies of the underlying system and offer novel forms of analysis using only models that employ a single simulation technique The book underscores the importance of both hybrid simulation employing techniques primarily developed in the field of modelling and simulation and hybrid modelling incorporating simulation with methods from wider disciplines such as applied computing data science engineering and soft qualitative operations research Furthermore the text aims to inspire further research and practice fostering the growth of cross disciplinary hybrid models Topics and features Provides a comprehensive overview of hybrid modelling and simulation including methodological extensions and novel applications Features case studies and examples demonstrating the synergy realized by applying hybrid methods Calls for innovation and growth of the discipline by incorporating diverse scientific perspectives Encourages adoption of interdisciplinary methods to engender improved insights from simulation studies Promotes interdisciplinary collaboration pushing modelling and simulation into new research and application areas This comprehensive volume will appeal to researchers academics students and practitioners who seek to advance their modelling and simulation work The book also will serve as a reference informing research communities of the potential of hybrid models that combine simulation with disciplinary research artefacts methods and approaches

*Conceptual Modeling - ER 2001* Hideko S. Kunii, Sushil Jajodia, Arne Sølvberg, 2001      **Information and Database Quality** Mario G. Piattini, Coral Calero, Marcela F. Genero, 2012-12-06 In a global and increasingly competitive market where organizations are driven by information the search for ways to transform data into true knowledge is critical to a business's success. Few companies, however, have effective methods of managing the quality of this information. Because quality is a multidimensional concept, its management must consider a wide variety of issues related to information and data quality. *Information and Database Quality* is a compilation of works from research and industry that examines these issues, covering both the organizational and technical aspects of information and data quality. *Information and Database Quality* is an excellent reference for both researchers and professionals involved in any aspect of information and database research.

**Metrics For Software Conceptual Models** Marcela Genero, Mario Piattini, Coral Calero, 2005-01-04 The idea that measuring quality is the key to developing high quality software systems is gaining relevance. Moreover, it is widely recognised that the key to obtaining better software systems is to measure the quality characteristics of early artefacts produced at the conceptual modelling phase. Therefore, improving the quality of conceptual models is a major step towards the improvement of software system development. Since the 1970s, software engineers have been proposing high quantities of metrics for software products, processes and resources, but had not been paying any special attention to conceptual modelling. By the mid 1990s, however, the need for metrics for conceptual modelling had emerged. This book provides an overview of the most relevant existing proposals of metrics for conceptual models, covering conceptual models for both products and processes.      *Conceptual Modeling - ER 2002* Stefano Spaccapietra, Salvatore March, Yahiko Kambayashi, 2002

*Conceptual Modeling* Paolo Atzeni, David Cheung, Sudha Ram, 2012-10-14 This book constitutes the refereed proceedings of the 31st International Conference on Conceptual Modeling (ER 2012) held in Florence, Italy, in October 2012. The 24 regular papers presented together with 13 short papers, 6 poster papers and 3 keynotes were carefully reviewed and selected from 141 submissions. The papers are organized in topical sections on understandability and cognitive approaches, conceptual modeling for data warehousing and business intelligence, extraction, discovery and clustering, search and documents, data and process modeling, ontology based approaches, variability and evolution, adaptation, preferences and query refinement, queries, matching and topic search, and conceptual modeling in action.      **Conceptual Modeling - ER 2000** Alberto H.F. Laender, Stephen W. Liddle, Veda Storey, 2000-09-20 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      **Conceptual Modeling ER'99** Jacky Akoka,1999-10-27 This book constitutes the refereed proceedings of the 18th International Conference on Conceptual Modeling ER 99 held in Paris France in November 1999 The 33 revised full papers presented together with three invited contributions were carefully reviewed and selected from a total of 143 submissions The book is divided into topical sections on supporting schema evolution temporal database design schema transformation views and conceptual modeling reuse in conceptual modeling business process modeling and workflows integrating application models data warehouse design modeling concepts schema integration and advanced conceptual modeling      *Conceptual Modeling - ER 2000* Alberto H.F. Laender,Stephen W. Liddle,Veda Storey,2003-07-31 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

*Proceedings of the International Conference on Expert Systems for Development* ,1994      **Frameworks for Developing Efficient Information Systems: Models, Theory, and Practice** Krogstie, John,2013-06-30 As advances in technology continue to generate the collective knowledge of an organization and its operations strategic models for information systems are developed in order to arrange business processes and business data Frameworks for Developing Efficient Information Systems Models Theory and Practice presents research and practices on the advancements in systems analysis and design These theoretical frameworks and practical solutions are useful for researchers practitioners and academicians as this book aims to bridge the communication gap between business managers and system designers

**Conceptual Modelling in Information Systems Engineering** John Krogstie,Andreas Lothe Opdahl,Sjaak Brinkkemper,2007-06-13 Conceptual modeling has always been one of the cornerstones for information systems engineering as it describes the general knowledge of the system in the so called conceptual schema Krogstie Opdahl and Brinkkemper compiled 20 contributions from renowned researchers covering all aspects of conceptual modeling on the occasion of Arne S lvyberg s 67th birthday Many friends of this information systems modeling pioneer happily contributed their latest research results from fields like data modeling goal oriented modeling agent oriented modeling and process oriented modeling Overall the contributions reflect the most important developments and application areas of conceptual modeling in recent years and they also pinpoint trends in conceptual modeling for the next decade This wide selection corresponds to the broad spectrum of Arne s activities and long term responsibilities with the VLDB Endowment IFIP and ERCIM Arne was presented with this

book at CAiSE 2007 when the event which he cofounded in 1989 returned to his hometown of Trondheim *Conceptual Modeling* Paul Johannesson, Mong Li Lee, Stephen W. Liddle, Andreas L. Opdahl, Óscar Pastor López, 2015-10-09 This book constitutes the refereed proceedings of the 34th International Conference on Conceptual Modeling ER 2015 held in Stockholm Sweden in October 2015 The 26 full and 19 short papers presented were carefully reviewed and selected from 131 submissions The papers are organized in topical sections on business process and goal models ontology based models and ontology patterns constraints normalization interoperability and integration collaborative modeling variability and uncertainty modeling modeling and visualization of user generated content schema discovery and evolution process and text mining domain based modeling data models and semantics and applications of conceptual modeling Proceedings of the ... ACM International Conference on Digital Libraries, 1997

**Conceptual Modeling** Heinrich C. Mayr, Giancarlo Guizzardi, Hui Ma, Oscar Pastor, 2017-10-28 This book constitutes the refereed proceedings of the 35th International Conference on Conceptual Modeling ER 2017 held in Valencia Spain in November 2017 The 28 full and 10 short papers presented together with 1 full 6 keynotes were carefully reviewed and selected from 153 submissions This events covers a wide range of following topics Conceptual Modeling Methodology Conceptual Modeling and Requirements Foundations Conceptual Modeling in Specific Context Conceptual Modeling and Business Processes Model Efficiency and Ontologies

**Conceptual Modeling - ER 2001** Hideko S. Kunii, Sushil Jajodia, Arne Soelvsberg, 2003-06-30 This book constitutes the refereed proceedings of the 20th International Conference on Conceptual Modeling ER 2001 held in Tokohama Japan in November 2001 The 45 revised full papers presented together with three keynote presentations were carefully reviewed and selected from a total of 197 submissions The papers are organized in topical sections on spatial databases spatio temporal databases XML information modeling database design data integration data warehouse UML conceptual models systems design method reengineering and video databases workflows web information systems applications and software engineering

**Conceptual Modeling - ER '97** David W. Embley, 1997-10-22 This book constitutes the refereed proceedings of the 16th International Conference on Conceptual Modeling ER 97 held in Los Angeles California USA in November 1997 The 32 revised full papers presented in the book were carefully selected from a total of 93 submissions Also included are two full invited papers The volume is divided in topical sections on automated design temporal modeling languages activity modeling applied modeling object oriented modeling theoretical issues in modeling experience and applications distributed systems integration and tools *Conceptual Modeling* Isabelle Comyn-Wattiau, Katsumi Tanaka, Il-Yeol Song, Shuichiro Yamamoto, Motoshi Saeki, 2016-11-07 This book constitutes the refereed proceedings of the 34th International Conference on Conceptual Modeling ER 2016 held in Gifu Japan in November 2016 The 23 full and 18 short papers presented together with 3 keynotes were carefully reviewed and selected from 113 submissions The papers are organized in topical sections on Analytics and Conceptual Modeling Conceptual Modeling and Ontologies Requirements Engineering Advanced Conceptual

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**collection of examination flavius mareka tvet college** - Jul 03 2023

web mar 17 2022 collection of examination results registration mphohadi campus n3 n6 to register on the 16th 17th march 2022 from 07 25 until 16 30 all left to register on the 18th march 2022 from 07 25 until 13 00 students results are available from the registrar on the 16th march from 07 25

flavius mareka tvet college matric exams result 2024 - Jun 21 2022

web flavius mareka tvet college matric exams result 2024 kenrry michael no comments the flavius mareka tvet college student result portal was created to make it simple for existing and prospective students of the institution to sign up sign in for an account log in and complete specific academic duties

**flavius mareka tvet college student portal login edurelated** - Dec 28 2022

web aug 10 2023 the flavius mareka tvet college has enabled the student portal for fresh and returning students of the institution to easily access some academic findings such as course registrations checking results academic calendar payment of fees admission status admission list transcripts extra credit hour exam timetable deferment of

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**flavius mareka fet college wikipedia** - May 21 2022

web flavius mareka fet college coordinates 26 81695 s 27 83974 e flavius mareka fet college is situated in the fezile dabi district of the free state province south africa the flavius mareka fet college includes the following former institutions kroonstad mphohadi and sasolburg campus

*flavius mareka tvet college exams instruction 2020 2021 papers result* - Oct 26 2022

web 1 a student is admitted to an examination in a module only if he or she has prepared him or herself satisfactorily through the proper execution of the work and subject to other faculty stipulations 2 in the calculation of the year mark performance in tests and assignments tasks are taken into consideration 3

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web the flavius mareka tvet college exams results for the 2023 2024 academic session is been released concurrently flavius mareka tvet college exams results visit the student portal site flaviusmareka net

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web apr 28 2022 flavius mareka tvet college online result checker portal is created for prospective students to check their exam result semester result test result as well as viewing admission list application status aps calculator transcript admission letter etc

*flavius mareka tvet college result portal flaviusmareka net* - Mar 31 2023

web feb 28 2022 on this note flavius mareka tvet college students are advised to follow the procedures below to check their first semester results and also how to calculate their gp p cg grades score you can view your flavius mareka tvet college result online via the institution s portal see also flavius mareka tvet college student portal

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web feb 12 2022 flavius mareka tvet college exams results 2021 2022 check your semester results the management of the flavius mareka tvet college has released the 2021 and 2022 examinations results online students who were finding it hard to check their results can now do so at ease

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web flavius mareka college is education institution in africa and here we have discussed about flavius mareka college results here in this article we have provided all the direct links to download the flavius mareka college results flavius mareka college results 2022 2023 academic year

**flavius mareka tvet college examination results 2023** - Aug 24 2022

web jan 24 2023 the authority of the flavius mareka tvet college has released the academic exams results and results dates for the 2023 2024 session do you want to check flavius mareka tvet college exam results this post will guide you on how to check the test and exam results online via the student portal school website for the *examination information flavius mareka tvet college* - Oct 06 2023

web examination information flavius mareka tvet college examination information examination time table november 2022 supplementary examination a student must obtain a final exam mark of at least 30 or more to be allowed to enroll for a supplementary examination if less than 30 is obtained the subject must be repeated

**academic board flavius mareka tvet college** - May 01 2023

web committee for quality of service delivery that is responsible to oversee assessments moderations examinations retention rates results and through put rates ms gift ngubeni is the chairperson of the committee

**flavius mareka fet college mabumbe** - Jul 23 2022

web flavius mareka fet college fees structure courses offered prospectus bursaries contacts find flavius mareka fet college application form online selected candidates results joining instruction diploma courses certificate courses undergraduate courses eligibility criteria admission procedure

**flavius mareka tvet college result date 2024 result portal** - Apr 19 2022

web the flavius mareka tvet college fmc examination results for 2024 has been released this is to inform all that candidates that participated in the flavius mareka tvet college fmc examination 2024 that they can now check their results you can now access your 2024 flavius mareka tvet college result via sms or online