Lca Based Selection For Xml Document Collections

This volume contains the papers presented at IALCCE2018, the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE2018), held in Ghent, Belgium, October 28-31, 2018. It consists of a book of extended abstracts and a USB device with full papers including the Fazlur R. Khan lecture, 8 keynote lectures, and 390 technical papers from all over the world. Contributions relate to design, inspection, assessment, maintenance or optimization in the framework of life-cycle analysis of civil engineering structures and infrastructure systems. Life-cycle aspects that are developed and discussed range from structural safety and durability to sustainability, serviceability, robustness and resilience. Applications relate to buildings, bridges and viaducts, highways and runways, tunnels and underground structures, off-shore and marine structures, dams and hydraulic structures, prefabricated design, infrastructure systems, etc. During the IALCCE2018 conference a particular focus is put on the cross-fertilization between different sub-areas of expertise and the development of an overall vision for life-cycle analysis in civil engineering. The aim of the editors is to provide a valuable source of cutting edge information for anyone interested in life-cycle analysis and assessment in civil engineering, including researchers, practising engineers, consultants, contractors, decision makers and representatives from local authorities.

A fundamental challenge for medical informatics is to develop and apply better ways of understanding how information technologies and methods can help support the best care for every patient every day given available medical knowledge and resources. In order to provide the most effective healthcare possible, the activities of teams of health professionals have to be coordinated through well-designed processes centered on the needs of patients. For information systems to be accepted and used in such an environment, they must balance standardization based on shared medical knowledge with the flexibility required for customization to the individual patient. Developing innovative approaches to design and build evidence-based careflow management systems is essential for providing the knowledge management infrastructure of health care organizations that seeks to increase performance in delivering high quality care services by efficiently exploiting available resources. Parallel challenges arise in the organization of research at the biological and clinical levels, where the focus on systematically organizing and supporting processes of scientific inquiry by novel informatics methods and databases are in their very early stages. These Proceedings of Medinfo 2004 demonstrate the base of knowledge medical informatics professionals will collectively draw upon in the years ahead to meet these challenges and realize opportunities.

Issues in Internet and the World Wide Web Research and Application: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about World Wide Web. The editors have built Issues in Internet and the World Wide Web Research and Application: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about World Wide Web in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Internet and the World Wide Web Research and Application: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

This volumes consists of 59 peer-reviewed papers, presented at the International Conference on Sustainable Design and Manufacturing (SDM-16) held in Chania, Crete Greece in April 2016. Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies, and at the same time improve its sustainability by reducing its environmental impact. SDM-16 covers a wide range of topics from sustainable product design and service innovation, sustainable process and technology for the manufacturing of sustainable products, sustainable manufacturing systems and enterprises, decision support for sustainability, and the study of societal impact of sustainability including research for circular economy. Application areas are wide and varied. The book will provide an excellent overview of the latest research and development in the area of Sustainable Design and Manufacturing.

Design, Performance, and Analysis of Innovative Information Retrieval

Fundamentals of Grid Computing

5th International XML Database Symposium, XSym 2007, Vienna, Austria, September 23-24, 2007, Proceedings

Applications

Theory, Algorithms and Technologies

Database and XML Technologies

The advent of connected, smart technologies for the built environment may promise a significant value that has to be reached to develop digital city models. At the international level, the role of digital twin is strictly related to massive amounts of data that need to be processed, which proposes several challenges in terms of digital technologies capability, computing, interoperability, simulation, calibration, and representation. In these terms, the development of 3D parametric models as digital twins to evaluate energy assessment of private and public buildings is considered one of the main challenges of the last years. The ability to gather, manage, and communicate contents related to energy saving in buildings for the development of smart cities must be considered a specificity in the age of connection to increase citizen awareness of these fields. The Handbook of Research on Developing Smart Cities Based on Digital Twins contains in-depth research focused on the description of methods, processes, and tools that can be adopted to achieve smart city goals. The book presents a valid medium for disseminating innovative data management methods related to smart city topics. While highlighting topics such as data visualization, a web-based ICT platform, and data-sharing methods, this book is ideally intended for researchers in the building industry, energy, and computer science fields; public

administrators; building managers; and energy professionals along with practitioners, stakeholders, researchers, academicians, and students interested in the implementation of smart technologies for the built environment.
An authoritative guide to Oracle's XML-enabled products offers valuable instruction in and advice on creating next-generation Internet Web sites and applications, with new sections on CRM E-Business XML and real-world case studies, along with a CD-ROM containing helpful XML components created by the Oracle XML group. Original. (Intermediate)
We are proud to present to you the proceedings of the European Grid Conference 2005, held at the Science Park Amsterdam during February 14 –16.
This two volume set LNCS 5981 and LNCS 5982 constitutes the refereed proceedings of the 15th International Conference on Database Systems for Advanced Applications, DASFAA 2010, held in Tsukuba, Japan, in April 2010. The 39 revised full papers and 16 revised short papers presented together with 3 invited keynote papers, 22 demonstration papers, 6 industrial papers, and 2 keynote talks were carefully reviewed and selected from 285 submissions. The papers of the first volume are organized in topical sections on P2P-based technologies, data mining technologies, XML search and matching, graphs, spatialdatabases, XML technologies, time series and streams, advanced data mining, query processing, Web, sensor networks and communications, information management, as well as communities and Web graphs. The second volume contains contributions related to trajectories and moving objects, skyline queries, privacy and security, data streams, similarity search and event processing, storage and advanced topics, industrial, demo papers, and tutorials and panels.
XML Data Mining: Models, Methods, and Applications
14th International Conference, DASFAA 2009, Brisbane, Australia, April 21-23, 2009, Proceedings
PC Mag
9th International Workshop of the Inititative for the Evaluation of XML Retrieval, INEX 2010, Vught, The Netherlands, December 13-15, 2010, The Netherlands, Revised Selected Papers
Database and Expert Systems Applications
Professional ASP.NET 2.0 XML

Integrated Design of Multiscale, Multifunctional Materials and Products is the first of its type to consider not only design of materials, but concurrent design of materials and products. In other words, materials are not just selected on the basis of properties, but the composition and/or microstructure iw designed to satisfy specific ranged sets of performance requirements. This book presents the motivation for pursuing concurrent design of materials and products, thoroughly discussing the details of multiscale modeling and multilevel robust design and provides details of the design methods/strategies along with selected examples of designing material attributes for specified system performance. It is intended as a monograph to serve as a foundational reference for instructors of courses at the senior and introductory graduate level in departments of materials science and engineering, mechanical engineering, aerospace engineering and civil engineering who are interested in next generation systems-based design of materials. First of its kind to consider not only design of materials, but concurrent design of materials and products Treatment of uncertainty via robust design of materials Integrates the "materials by design approach" of Olson/Ques Tek LLC with the "materials selection" approach of Ashby/Granta Distinquishes the processes of concurrent design of materials and products as an overall systems design problem from the field of multiscale modeling Systematic mathematical algorithms and methods are introduced for robust design of materials, rather than ad hoc heuristics--it is oriented towards a true systems approach to design of materials and products
This book contains some selected papers from the International Conference on Extreme Learning Machine 2014, which was held in Singapore, December 8-10, 2014. This conference brought together the researchers and practitioners of Extreme Learning Machine (ELM) from a variety of fields to promote research and development of "learning without iterative tuning". The book covers theories, algorithms and applications of ELM. It gives the readers a glance of the most recent advances of ELM.
This book constitutes the refereed proceedings of the 15th International Conference on Web-Age Information Management, WAIM 2014, held in Macau, China, in June 2014. The 48 revised full papers presented together with 35 short papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on information retrieval; recommender systems; query processing and optimization; data mining; data and information quality; information extraction; mobile and pervasive computing; stream, time-series; security and privacy; semantic web; cloud computing; new hardware; crowdsourcing; social computing.
The foundation for most Web services, XML can also be used with ASP.NET to display data from an infinite variety of sources in a Web site After covering the basics, the book explores the many ways that XML documents can be created, transformed, and transmitted to other systems using ASP.NET 2.0 Two major case studies address issues such as reading and writing XML data, XML data validation, transforming XML Data with XSLT, SQL Server XML integration, XML support in ADO.NET, and XML Web Services
Proceedings of ELM-2014 Volume 2
Comparative Evaluation of Focused Retrieval
15th International Conference, WAIM 2014, Macau, China, June 16-18, 2014, Proceedings
22nd International Conference, DEXA 2011, Toulouse, France, August 29 - September 2, 2011,

Proceedings, Part I
Customizable Computing
Next Generation Information Technologies and Systems

This book features the refereed proceedings from the 24th British National Conference on Databases, held in Glasgow, Scotland in July 2007. The eighteen full papers and seven poster papers are presented, together with two invited contributions. Papers are organized into topical sections covering data applications, searching XML documents, querying XML documents, XML transformation, clustering and security, data mining, and extraction.

This book constitutes the refereed proceedings of the 13th International Conference on Web-Age Information Management, WAIM 2012, held in Harbin, China in August 2012. The 32 revised full papers presented together with 10 short papers and three keynotes were carefully reviewed and selected from a total of 178 submissions. The papers are organized in topical sections on wireless sensor networks; data warehousing and data mining; query processing; spatial databases; similarity search and queries; XML and Web data; graph and uncertain data; distributed computing; data security and management; information extraction and integration; and social networks and modern Web services.

The widespread use of XML in business and scientific databases has prompted the development of methodologies, techniques, and systems for effectively managing and analyzing XML data. This has increasingly attracted the attention of different research communities, including database, information retrieval, pattern recognition, and machine learning, from which several proposals have been offered to address problems in XML data management and knowledge discovery. XML Data Mining: Models, Methods, and Applications aims to collect knowledge from experts of database, information retrieval, machine learning, and knowledge management communities in developing models, methods, and systems for XML data mining. This book addresses key issues and challenges in XML data mining, offering insights into the various existing solutions and best practices for modeling, processing, analyzing XML data, and for evaluating performance of XML data mining algorithms and systems.

This two volume set LNCS 7238 and LNCS 7239 constitutes the refereed proceedings of the 17th International Conference on Database Systems for Advanced Applications, DASFAA 2012, held in Busan, South Korea, in April 2012. The 44 revised full papers and 8 short papers presented together with 2 invited keynote papers, 8 industrial papers, 8 demo presentations, 4 tutorials and 1 panel paper were carefully reviewed and selected from a total of 159 submissions. The topics covered are query processing and optimization, data semantics, XML and semi-structured data, data mining and knowledge discovery, privacy and anonymity, data management in the Web, graphs and data mining applications, temporal and spatial data, top-k and skyline query processing, information retrieval and recommendation, indexing and search systems, cloud computing and scalability, memory-based query processing, semantic and decision support systems, social data, data mining.

17th International Conference, DASFAA 2012, Busan, South Korea, April 15-18, 2012, Proceedings, Part I
Medinfo
13th International Conference, Paphos, Cyprus, November 28-30, 2012, Proceedings
Life Cycle Analysis and Assessment in Civil Engineering: Towards an Integrated Vision
Web Information Systems and Technologies
European Grid Conference, Amsterdam, The Netherlands, February 14-16, 2005, Revised Selected Papers
Web Chair Gabriel Pui Cheong Fung University of Queensland, Australia Regional Chairs Asia: Xiaofeng Meng Renmin University, China

This book offers a comprehensive guide to Novell's Linux Enterprise Server, one of the most powerful Linux-based server solutions available today. The book guides readers through all of the most important aspects of SLES, beginning with an in-depth overview of installation and configuration tasks. Later chapters cover configuration and deployment of key services, including the MySQL database, file sharing and printing, Web, FTP, News, DNS, and Proxy Servers. van Vugt instructs readers on important administration concepts such as instituting strict file system security and server automation. Readers will also learn about how to cluster servers together to lessen downtime and increase performance.

This book contains the thoroughly refereed and revised best papers from the 8th International Conference on Web Information Systems and Technologies, WEBIST 2012, held in Porto, Portugal, in April 2012, and organized by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), in collaboration with ACM SIGMIS. The 23 papers presented in this book were carefully reviewed and selected from 184 submissions. The papers were selected from those with the best reviews also taking into account the quality of their presentation at the conference. The papers are grouped into parts on Internet Technology; Web Interfaces and Applications; Society, e-Business, and e-Government; Web Intelligence; and Mobile Information Systems.

The integration and convergence of state-of-the-art technologies in the grid have enabled more flexible, automatic, and complex grid services to fulfill industrial and commercial needs, from the LHC at CERN to meteorological forecasting systems. Fundamentals of Grid Computing: Theory, Algorithms and Technologies discusses how the novel technologies

Web-Age Information Management
Web Information Systems Engineering -- WISE 2013
Oracle9i XML Handbook
Database Systems for Advanced Applications
15th Pacific-Asia Conference, PAKDD 2011, Shenzhen, China, May 24-27, 2011, Proceedings, Part I
Issues in Internet and the World Wide Web Research and Application: 2013 Edition

A comprehensive reference to the document mark-up language demonstrates XML concepts, tools, specifications, and applications

This book constitutes the refereed proceedings of the 5th International XML Database Symposium, XSym 2007, held in Vienna, Austria, in September 2007 in conjunction with the International Conference on Very Large Data Bases, VLDB 2007. The papers cover all current aspects of core database technology for XML data management, XML and data integration, and development and deployment of XML applications. NGITS2002 was the ?fth workshop of its kind, promoting papers that discuss new technologies in information systems. Following the success of the four p- vious workshops (1993, 1995, 1997, and 1999), the ?fth NGITS Workshop took place on June 24–25, 2002, in the ancient city of Caesarea. In response to the Call for Papers, 22 papers were submitted. Each paper was evaluated by three Program Committee members. We accepted 11 papers from 3 continents and 5 countries, Israel (5 papers), US (3 papers), Germany, Cyprus, and The Netherlands (1 paper from each). The workshop program consisted of ?ve paper sessions, two keynote lectures, and one panel discussion. The topics of the paper sessions are: Advanced Query Processing, Web Applications, Moving Objects, Advanced Information Models, and Advanced Software Engineering. We would like to thank all the authors who submitted papers, the program committee members, the presenters, and everybody who assisted in making NGITS2002 a reality.

This book constitutes the thoroughly refereed post-workshop proceedings of the 9th International Workshop of the Initiative for the Evaluation of XML Retrieval, INEX 2009, held in Vught, The Netherlands, in December 2009. The aim of the INEX 2010 workshop was to bring together researchers in the field of XML IR who participated in the INEX 2010 campaign. During the past year, participating organizations contributed to the building of large-scale XML test collections by creating topics, performing retrieval runs and providing relevance assessments. The workshop concluded the results of this large-scale effort, summarized and addressed issues encountered, and devised a work plan for the future evaluation of XML retrieval systems. The 37 full papers presented were carefully reviewed and selected from 42 submissions; they are organized into sections corresponding to the nine tracks of the workshop, investigating various aspects of XML retrieval, from book search to entity.

Integrated Design of Multiscale, Multifunctional Materials and Products

Data Management. Data, Data Everywhere

... International Workshop, NGITS ..., Proceedings

14th International Conference, Nanjing, China, October 13-15, 2013, Proceedings, Part I

15th International Conference, DASFAA 2010, Tsukuba, Japan, April 1-4, 2010, Proceedings, Part I

Tree pattern constraints for XML.

"An Introduction to XML Query Processing and Keyword Search" systematically and comprehensively covers the latest advances in XML data searching. It presents an extensive overview of the current query processing and keyword search techniques on XML data, including XML labeling schemes, indexing, processing on order and un-order XML tree patterns, XML query optimization, results estimation, and XML keyword searches, which are elaborated in separate chapters. Graduate students and researchers in the field of XML data searching will find this book an invaluable resource. Prof. Jiaheng Lu is an associate professor at Renmin University of China's School of Information.

The modern world is developing at a pace where few can thoroughly keep track of its progress. More advancements in technology, evolving standards of education, and ongoing cultural and societal developments are leading to a need for improved pathways of knowledge discovery and dissemination. Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth provides emerging research exploring how academic research can represent both a bold response to the problems society faces today and a source of alternative solutions to those problems. This publication is derived from the basic understanding that education plays the role of the key enabler in the process of navigating these contemporary challenges. Featuring coverage on a broad range of topics such as e-service exploration, progressive online learning in urban areas, and advances in multimedia sharing, this book is ideally designed for consultants, academics, industry professionals, policymakers, politicians, and government officials seeking current research on the impact of information technology and the knowledge-based era.

It has become highly desirable to provide users with flexible ways to query/search information over databases as simple as keyword search like Google search. This book surveys the recent developments on keyword search over databases, and focuses on finding structural information among objects in a database using a set of keywords. Such structural information to be returned can be either trees or subgraphs representing how the objects, that contain the required keywords, are interconnected in a relational database or in an XML database. The structural keyword search is completely different from finding documents that contain all the user-given keywords. The former focuses on the interconnected object structures, whereas the latter focuses on the object content. The book is organized as follows. In Chapter 1, we highlight the main research issues on the structural keyword search in different contexts. In Chapter 2, we focus on supporting structural keyword search in a relational database management system using the SQL query language. We concentrate on how to generate a set of SQL queries that can find all the structural information among records in a relational database completely, and how to evaluate the generated set of SQL queries efficiently. In Chapter 3, we discuss graph algorithms for structural keyword search by treating an entire relational database as a large data graph. In Chapter 4, we discuss structural keyword search in a large tree-structured XML database. In Chapter 5, we highlight several interesting research issues regarding keyword search on databases. The book can be used as either an extended survey for people who are interested in the structural keyword search or a reference book for a postgraduate course on the related topics. Table of Contents: Introduction / Schema-Based Keyword Search on Relational Databases / Graph-Based Keyword Search / Keyword Search in XML Databases / Other Topics for Keyword Search on Databases

This book constitutes the proceedings of the 14th International Conference on Web Information

Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The 48 full papers, 29 short papers, and 10 demo and 5 challenge papers, presented in the two-volume proceedings LNCS 8180 and 8181, were carefully reviewed and selected from 198 submissions. They are organized in topical sections named: Web mining; Web recommendation; Web services; data engineering and database; semi-structured data and modeling; Web data integration and hidden Web; challenge; social Web; information extraction and multilingual management; networks, graphs and Web-based business processes; event processing, Web monitoring and management; and innovative techniques and creations.

Advances in Knowledge Discovery and Data Mining

13th International Conference, WAIM 2012, Harbin, China, August 18-20, 2012. Proceedings

Web Information Systems Engineering - WISE 2012

Keyword Search in Databases

5th International Workshop, NGITS 2002, Caesarea, Israel, June 24-25, 2002. Proceedings

Proceedings of the Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018), 28-31 October 2018, Ghent, Belgium

This book constitutes the refereed proceedings of the 30th International Conference on Conceptual Modeling, ER 2011, held in Brussels, Belgium, in October/November 2011. The 25 revised full papers presented together with 14 short papers and three keynotes were carefully reviewed and selected from 157 submissions. The papers are organized in topical sections on modeling goals and compliance; human and socio-technical factors; ontologies; data model theory; model development and maintainability; user interfaces and software classification; evolution, propagation and refinement; UML and requirements modeling; views, queries and search; requirements and business intelligence; MDA and ontology-based modeling; process modeling; panels.

This book constitutes the refereed proceedings of the Second International Conference on Smart Trends in Information Technology and Computer Communications, SmartCom 2017, held in Pune, India, in August 2017. The 38 revised papers presented were carefully reviewed and selected from 310 submissions. The papers address issues on smart and secure systems; smart and service computing; smart data and IT innovations.

The two-volume set LNAI 6634 and 6635 constitutes the refereed proceedings of the 15th Pacific-Asia Conference on Knowledge Discovery and Data Mining, PAKDD 2011, held in Shenzhen, China in May 2011. The total of 32 revised full papers and 58 revised short papers were carefully reviewed and selected from 331 submissions. The papers present new ideas, original research results, and practical development experiences from all KDD-related areas including data mining, machine learning, artificial intelligence and pattern recognition, data warehousing and databases, statistics, knowledge engineering, behavior sciences, visualization, and emerging areas such as social network analysis.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

24th British National Conference on Databases, BNCOD 24, Glasgow, UK, July 3-5, 2007, Proceedings

Models, Methods, and Applications

Handbook of Research on Developing Smart Cities Based on Digital Twins

Advances in Grid Computing - EGC 2005

The Definitive Guide to SUSE Linux Enterprise Server

Special Edition Using XML

This book offers a comprehensive review of sustainability and product design, providing useful information on the relevant regulations and standards for industries to meet increasing market demands for eco-products, while reducing their impact on the environment. The examples and methods presented allow readers to gain insights into sustainable products. The authors also explain how to develop products with sustainability features by applying tools and methods for sustainable design and manufacture. These tools/methods include • Regulations/directives related to sustainable product development • Popular lifecycle analysis software packages • Environmental and social lifecycle impact assessment methods • Lifecycle inventory databases • Eco-point and eco-accounting infrastructure • ICT and traceability technologies for sustainable product development • Sustainable design and manufacture • Integrated approach for sustainable product development A description of each sustainability tool is accompanied by easy-to-understand guidelines as well as sustainable product development methods. Five different case studies are also presented to illustrate how to apply the tools and methods into the development of real sustainable products. In view of the increasing pressure on industries to meet the, sometimes conflicting, demands of the market and environment, this book is a valuable resource for engineers and managers in manufacturing companies wishing to update their knowledge of sustainable product development. It is also suitable for researchers and consultants who are involved or interested in sustainable product development, as well as for students studying sustainable development, production, and engineering management.

Since the end of Dennard scaling in the early 2000s, improving the energy efficiency of computation has been the main concern of the research community and industry. The large energy efficiency gap between general-purpose processors and application-specific integrated circuits (ASICs) motivates the exploration of customizable architectures, where one can adapt the architecture to the workload. In this Synthesis lecture, we present an overview and introduction of the recent developments on energy-efficient customizable architectures, including customizable cores and accelerators, on-chip memory customization, and interconnect optimization. In addition to a discussion of the general techniques and classification of different approaches used in each area, we also highlight and illustrate some of the most successful design examples in each category and discuss their impact on performance and energy

efficiency. We hope that this work captures the state-of-the-art research and development on customizable architectures and serves as a useful reference basis for further research, design, and implementation for large-scale deployment in future computing systems.

Daily procedures such as scientific experiments and business processes have the potential to create a huge amount of data every day, hour, or even second, and this may lead to a major problem for the future of efficient data search and retrieval as well as secure data storage for the world⬚s scientists, engineers, doctors, librarians, and business managers. Design, Performance, and Analysis of Innovative Information Retrieval examines a number of emerging technologies that significantly contribute to modern Information Retrieval (IR), as well as fundamental IR theories and concepts that have been adopted into new tools or systems. This reference is essential to researchers, educators, professionals, and students interested in the future of IR.

This book constitutes the refereed proceedings of the 22 International Conference on Database and Expert Systems Applications, DEXA 2011, held in Toulouse, France, August 29 - September 2, 2011. The 52 revised full papers and 40 short papers presented were carefully reviewed and selected from 207 submissions. The papers are organized in topical sections on query processing; database semantics; skyline queries; security and privacy; spatial and temporal data; semantic web search; storage and search; web search; data integration, transactions and optimization; and web applications.

Second International Conference, SmartCom 2017, Pune, India, August 18-19, 2017, Revised Selected Papers

An Introduction to XML Query Processing and Keyword Search

eWork and eBusiness in Architecture, Engineering and Construction

30th International Conference on Conceptual Modeling, Brussels, Belgium, October 31 - November 3, 2011. Proceedings

8th International Conference, WEBIST 2012, Porto, Portugal, April 18-21, 2012, Revised Selected Papers

Sustainable Product Development

This book constitutes the proceedings of the 13th International Conference on Web Information Systems Engineering, WISE 2012, held in Paphos, Cyprus, in November 2012. The 44 full papers, 13 short papers, 9 demonstrations papers and 9 "challenge" papers were carefully reviewed and selected from 194 submissions. The papers cover various topics in the field of Web Information Systems Engineering.

This is a comprehensive review of research related to construction informatics, with a particular focus on the related 5th framework EU projects on product and process technology and the implementation of the new economy technologies and business models in the construction industry.

Conceptual Modeling – ER 2011

Tools, Methods and Examples

Sustainable Design and Manufacturing 2016

Smart Trends in Information Technology and Computer Communications

Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth