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High Level Models and Methodologies for Information Systems-Pedro

Isaias 2014-09-24 In this book the authors introduce and explain many methods and models for the development of Information Systems (IS). It was written in large part to aid designers in designing successful devices/systems to match user needs in the field. Chief among these are website development, usability evaluation, quality evaluation and success assessment. The book provides great detail in order to assist readers' comprehension and understanding of both novel and refined methodologies by presenting, describing, explaining and illustrating their basics and working mechanics. Furthermore, this book presents many traditional methods and methodologies in an effort to make up a comprehensive volume on High Level Models and Methodologies for Information Systems. The target audience for this book is anyone interested in conducting research in IS planning and development. The book represents a main source of theory and practice of IS methods and methodologies applied to these realities. The book will appeal to a range of professions that are involved in planning and building the information systems, for example information technologists, information systems developers, as well as Web designers and developers—both researchers and practitioners; as a consequence, this book represents a genuinely multi-disciplinary approach to the field of IS methods and methodologies.

Models in Software Engineering-Thomas Kühne 2007-05-16 This book constitutes the thoroughly refereed post-proceedings of 11 international workshops held as satellite events of the 9th International Conference on Model Driven Engineering Languages and Systems, MoDELS 2006, in Genoa, Italy, in October 2006 (see LNCS 4199). The 32 revised full papers were carefully selected for inclusion in the book. They are presented along with a doctoral and an educators' symposium section.

Emerging Trends in Data Driven Computing and Communications-

Rajeev Mathur 2021-09-27 This book includes best selected, high-quality research papers presented at International Conference on Data Driven Computing and IoT (DDCIoT 2021) organized jointly by Geetanjali Institute of Technical Studies (GITS), Udaipur, and Rajasthan Technical University, Kota, India, during March 20–21, 2021. This book presents influential ideas and systems in the field of data driven computing, information technology, and intelligent systems.

Intelligent Algorithms in Software Engineering-Radek Silhavy

2020-08-08 This book gathers the refereed proceedings of the Intelligent Algorithms in Software Engineering Section of the 9th Computer Science On-line Conference 2020 (CSOC 2020), held on-line in April 2020. Software engineering research and its applications to intelligent algorithms have now assumed an essential role in computer science research. In this book,

modern research methods, together with applications of machine and statistical learning in software engineering research, are presented.

FUNDAMENTALS OF SOFTWARE ENGINEERING, FIFTH EDITION- MALL, RAJIB 2018-09-01 This new edition of the book, is restructured to trace the advancements made and landmarks achieved in software engineering. The text not only incorporates latest and enhanced software engineering techniques and practices, but also shows how these techniques are applied into the practical software assignments. The chapters are incorporated with illustrative examples to add an analytical insight on the subject. The book is logically organised to cover expanded and revised treatment of all software process activities. **KEY FEATURES** • Large number of worked-out examples and practice problems • Chapter-end exercises and solutions to selected problems to check students' comprehension on the subject • Solutions manual available for instructors who are confirmed adopters of the text • PowerPoint slides available online at www.phindia.com/rajibmall to provide integrated learning to the students **NEW TO THE FIFTH EDITION** • Several rewritten sections in almost every chapter to increase readability • New topics on latest developments, such as agile development using SCRUM, MC/DC testing, quality models, etc. • A large number of additional multiple choice questions and review questions in all the chapters help students to understand the important concepts **TARGET AUDIENCE** • BE/B.Tech (CS and IT) • BCA/MCA • M.Sc. (CS) • MBA

Research Anthology on Recent Trends, Tools, and Implications of Computer Programming-Management Association, Information Resources 2020-08-03 Programming has become a significant part of connecting theoretical development and scientific application computation. Computer programs and processes that take into account the goals and needs of the user meet with the greatest success, so it behooves software engineers to consider the human element inherent in every line of code they write. Research Anthology on Recent Trends, Tools, and Implications of Computer Programming is a vital reference source that examines the latest scholarly material on trends, techniques, and uses of various programming

applications and examines the benefits and challenges of these computational developments. Highlighting a range of topics such as coding standards, software engineering, and computer systems development, this multi-volume book is ideally designed for programmers, computer scientists, software developers, analysts, security experts, IoT software programmers, computer and software engineers, students, professionals, and researchers.

Object-Process Methodology-Dov Dori 2011-06-27 Object-Process Methodology (OPM) is an intuitive approach to systems engineering. This book presents the theory and practice of OPM with examples from various industry segments and engineering disciplines, as well as daily life. OPM is a generic, domain independent approach that is applicable almost anywhere in systems engineering.

Requirements Engineering for Service and Cloud Computing-Muthu Ramachandran 2017-04-10 This authoritative text/reference describes the state of the art in requirements engineering for software systems for distributed computing. A particular focus is placed on integrated solutions, which take into account the requirements of scalability, flexibility, sustainability and operability for distributed environments. Topics and features: discusses the latest developments, tools, technologies and trends in software requirements engineering; reviews the relevant theoretical frameworks, practical approaches and methodologies for service requirements; examines the three key components of the requirements engineering process, namely requirements elicitation, requirements specification, and requirements validation and evaluation; presents detailed contributions from an international selection of highly reputed experts in the field; offers guidance on best practices, and suggests directions for further research in the area.

Software Engineering, Business Continuity, and Education-Tai-hoon Kim 2011-12-02 This book comprises selected papers of the International Conferences, ASEA, DRBC and EL 2011, held as Part of the Future Generation Information Technology Conference, FGIT 2011, in Conjunction

with GDC 2011, Jeju Island, Korea, in December 2011. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of advances in software engineering and its Application, disaster recovery and business continuity, education and learning.

Software Process Improvement and Capability Determination-Paul M. Clarke 2016-05-11 This book constitutes the refereed proceedings of the 16th International Conference on Software Process Improvement and Capability Determination, SPICE 2016, held in Dublin, Ireland, in June 2016. The 28 full papers presented together with 5 short papers were carefully reviewed and selected from 52 submissions. The papers are organized in the following topical sections: SPI in regulated and safety critical domains; gamification and education issues in SPI; SPI in agile and small settings; SPI and assessment; SPI and project management concerns; empirical research case studies of SPI; knowledge and human communications issues in SPI.

Quality of Numerical Software-Ronald F. Boisvert 2016-01-09 Numerical software is central to our computerized society. It is used to control aeroplanes and bridges, operate manufacturing lines, control power plants and refineries, and analyse financial markets. Such software must be accurate, reliable, robust, efficient, easy to use, maintainable and adaptable. Quality assessment and control of numerical software is still not well understood. Although measurement is a key element, it remains difficult to assess many components of software quality and to evaluate the trade-offs between them. Fortunately, as numerical software is built upon a long established foundation of mathematical and computational knowledge, there is great potential for dramatic breakthroughs. This volume will address enabling techniques and tools such as benchmarks, testing methodologies, quality standards, metrics, and accuracy control mechanisms, and their application to software for differential equations, linear algebra, data analysis, as well as the evaluation of integrals, derivatives and elementary and special functions.

Model-Driven Engineering and Software Development-Philippe Desfray 2016-01-04 This book constitutes thoroughly revised and selected papers from the Third International Conference on Model-Driven Engineering and Software Development, MODELSWARD 2015, held in Angers, France, in February 2015. The 25 thoroughly revised and extended papers presented in this volume were carefully reviewed and selected from 94 submissions. They are organized in topical sections named: invited papers; modeling languages, tools and architectures; methodologies, processes and platforms; applications and software development.

Machine Learning: Concepts, Methodologies, Tools and Applications-Management Association, Information Resources 2011-07-31 "This reference offers a wide-ranging selection of key research in a complex field of study, discussing topics ranging from using machine learning to improve the effectiveness of agents and multi-agent systems to developing machine learning software for high frequency trading in financial markets"--Provided by publisher

Intelligent Systems in Operations: Methods, Models and Applications in the Supply Chain-Nag, Barin 2010-03-31 "This book provides knowledge and insights on present and future AI applications in Operations Management presenting tools and decisions in terms of theoretical and empirical models, methods and proposed applications"--Provided by publisher.

Advances on Broad-Band Wireless Computing, Communication and Applications-Leonard Barolli 2020-10-07 This book aims to provide the latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to the emerging areas of broadband and wireless computing. Information networks of today are going through a rapid evolution. Different kinds of networks with different characteristics are emerging, and they are integrating in heterogeneous networks. For these reasons, there are many interconnection problems which may occur at different levels of

the hardware and software design of communicating entities and communication networks. These kinds of networks need to manage an increasing usage demand, provide support for a significant number of services, guarantee their QoS, and optimize the network resources. The success of all-IP networking and wireless technology has changed the ways of living the people around the world. The progress of electronic integration and wireless communications is going to pave the way to offer people the access to the wireless networks on the fly, based on which all electronic devices will be able to exchange the information with each other in ubiquitous way whenever necessary.

Model-Driven Domain Analysis and Software Development:

Architectures and Functions-Osis, Janis 2010-10-31 "This book displays how to effectively map and respond to the real-world challenges and purposes which software must solve, covering domains such as mechatronic, embedded and high risk systems, where failure could cost human lives"--Provided by publisher.

HEC Software Development and Support-Bill Eichert 1983

ICT Innovations 2017-Dimitar Trajanov 2017-09-06 This book constitutes the refereed proceedings of the 9th International Conference on Data-Driven Innovation, ICT Innovations 2017, held in Skopje, Macedonia, in September 2017. The 26 full papers presented were carefully reviewed and selected from 90 submissions. They cover the following topics: big data analytics, cloud computing, data mining, digital signal processing, e-health, embedded systems, emerging mobile technologies, multimedia, Internet of Things (IoT), machine learning, software engineering, security and cryptography, coding theory, wearable technologies, wireless communication, and sensor networks.

Write Great Code, Volume 3-Randall Hyde 2020-09-08 Engineering Software, the third volume in the landmark Write Great Code series by

Randall Hyde, helps you create readable and maintainable code that will generate awe from fellow programmers. The field of software engineering may value team productivity over individual growth, but legendary computer scientist Randall Hyde wants to make promising programmers into masters of their craft. To that end, Engineering Software--the latest volume in Hyde's highly regarded Write Great Code series--offers his signature in-depth coverage of everything from development methodologies and strategic productivity to object-oriented design requirements and system documentation. You'll learn: • Why following the software craftsmanship model can lead you to do your best work • How to utilize traceability to enforce consistency within your documentation • The steps for creating your own UML requirements with use-case analysis • How to leverage the IEEE documentation standards to create better software This advanced apprenticeship in the skills, attitudes, and ethics of quality software development reveals the right way to apply engineering principles to programming. Hyde will teach you the rules, and show you when to break them. Along the way, he offers illuminating insights into best practices while empowering you to invent new ones. Brimming with resources and packed with examples, Engineering Software is your go-to guide for writing code that will set you apart from your peers.

Computational Science and Its Applications - ICCSA 2018-Osvaldo Gervasi 2018-07-03 The five volume set LNCS 10960 until 10964 constitutes the refereed proceedings of the 18th International Conference on Computational Science and Its Applications, ICCSA 2018, held in Melbourne, Australia, in July 2018. Apart from the general tracks, ICCSA 2018 also includes 34 international workshops in various areas of computational sciences, ranging from computational science technologies, to specific areas of computational sciences, such as computer graphics and virtual reality. The total of 265 full papers and 10 short papers presented in the 5-volume proceedings set of ICCSA 2018, were carefully reviewed and selected from 892 submissions.

FGCS '92- 1992 The FGCS project was introduced at a congerence in 1981 and commenced the following year. This volume contains the reports on the final phase of the project, showing how the research goals set were

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achieved.

Adaptive Project Framework-Robert K. Wysocki Ph.D. 2010-01-25 A Breakthrough Framework for Adaptive Project Management from Project Management Guru Robert K. Wysocki For an increasing number of critical projects, traditional project management models simply are not appropriate. In many cases, complete requirements and objectives cannot be specified up front, and significant changes cannot be avoided. What's needed is an entirely new framework for project management: one that combines agile methods with the profession's most enduring best practices. In this book, Robert K. Wysocki provides that framework—the Adaptive Project Framework (APF)—and shows how to apply it in any domain. Wysocki, one of the world's leading project management consultants, has spent decades helping large organizations succeed with complex projects. Drawing on everything he's learned, he explains why a fundamentally new framework is needed and introduces all five phases of that framework. He covers artifacts, processes, and deliverables, and shows how to utilize each phase most effectively in your environment. Through four detailed case studies, you'll discover how APF can help you adapt to unexpected events, encouraging creative responses based on open partnerships between clients and project teams. Coverage includes Bringing greater flexibility and speed to any project, regardless of its goals or context Moving forward successfully with projects that have vague requirements Discovering what clients really want, not just what they say they want Managing ongoing scope changes throughout a project Customizing APF to your own environment Integrating APF with existing agile software development methods Using APF to overcome the obstacles to success Preparing for the future of project management This book is written for every project participant—project and program managers, software and product developers, process designers, and business analysts—who needs to deliver results in a world that won't stand still.

Metrics and Models in Software Quality Engineering-Stephen H. Kan 2003 ""This is the single best book on software quality engineering and metrics that I've encountered."" --Capers Jones, from the Foreword"Metrics and Models in Software Quality Engineering, Second Edition," is the

definitive book on this essential topic of software development.

Comprehensive in scope with extensive industry examples, it shows how to measure software quality and use measurements to improve the software development process. Four major categories of quality metrics and models are addressed: quality management, software reliability and projection, complexity, and customer view. In addition, the book discusses the fundamentals of measurement theory, specific quality metrics and tools, and methods for applying metrics to the software development process. New chapters bring coverage of critical topics, including: In-process metrics for software testing Metrics for object-oriented software development Availability metrics Methods for conducting in-process quality assessments and software project assessments Dos and Don'ts of Software Process Improvement, by Patrick O'Toole Using Function Point Metrics to Measure Software Process Improvement, by Capers Jones In addition to the excellent balance of theory, techniques, and examples, this book is highly instructive and practical, covering one of the most important topics in software development--quality engineering. 0201729156B08282002

Digital Innovations in Healthcare Education and Training-Stathis Th Konstantinidis 2020-09-08 Digital Innovations in Healthcare Education and Training discusses and debates the contemporary knowledge on the evolution of digital education, learning and the web and its integration and role within modern healthcare education and training. The book encompasses topics such as healthcare and medical education theories and methodologies, social learning as a formal and informal digital innovation, and the role of semantics in digital education. In addition, it examines how simulation, serious games, and virtual patients change learnings in healthcare, and how learning analytics and big data in healthcare education leads to personalized learning. Online pedagogy principles and applications, participatory educational design and educational technology as health intervention are bridged together to complement this collaborative effort. This book is a valuable resource for a broad audience, both technical and non-technical, including healthcare and medical tutors, health professionals, clinicians, web scientists, engineers, computer scientists and any other relevant professional interested in using and creating digital innovations for healthcare education and training. Provides contemporary knowledge on the evolution of learning technologies and the web and its integration and

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role within modern healthcare education and training Discusses the latest digital innovation in healthcare education and training, thus enabling all type of readers to apply best practices Encompasses a cross-theme, scholarly explanation based on successful cases which provides a deep knowledge experience into digital innovation in healthcare education and training

Software Engineering Processes-Yingxu Wang 2000-04-21 Software engineering is playing an increasingly significant role in computing and informatics, necessitated by the complexities inherent in large-scale software development. To deal with these difficulties, the conventional life-cycle approaches to software engineering are now giving way to the "process system" approach, encompassing development methods, infrastructure, organization, and management. Until now, however, no book fully addressed process-based software engineering or set forth a fundamental theory and framework of software engineering processes. *Software Engineering Processes: Principles and Applications* does just that. Within a unified framework, this book presents a comparative analysis of current process models and formally describes their algorithms. It systematically enables comparison between current models, avoidance of ambiguity in application, and simplification of manipulation for practitioners. The authors address a broad range of topics within process-based software engineering and the fundamental theories and philosophies behind them. They develop a software engineering process reference model (SEPRM) to show how to solve the problems of different process domains, orientations, structures, taxonomies, and methods. They derive a set of process benchmarks-based on a series of international surveys-that support validation of the SEPRM model. Based on their SEPRM model and the unified process theory, they demonstrate that current process models can be integrated and their assessment results can be transformed between each other. Software development is no longer just a black art or laboratory activity. It is an industrialized process that requires the skills not just of programmers, but of organization and project managers and quality assurance specialists. *Software Engineering Processes: Principles and Applications* is the key to understanding, using, and improving upon effective engineering procedures for software development.

Fifth World Conference on Information Security Education-Lynn Fatcher 2007-10-27 The International Federation for Information Processing (IFIP) series publishes state-of-the-art results in the sciences and technologies of information and communication. The IFIP series encourages education and the dissemination and exchange of information on all aspects of computing. This particular volume presents the most up-to-date research findings from leading experts from around the world on information security education.

End-User Computing: Concepts, Methodologies, Tools, and Applications-Clarke, Steve 2008-02-28 Covers the important concepts, methodologies, technologies, applications, social issues, and emerging trends in this field. Provides researchers, managers, and other professionals with the knowledge and tools they need to properly understand the role of end-user computing in the modern organization.

Model-Driven Engineering and Software Development-Luís Ferreira Pires 2018-07-07 This book constitutes thoroughly revised and selected papers from the 5th International Conference on Model-Driven Engineering and Software Development, MODELSWARD 2017, held in Porto, Portugal, in February 2017. The 20 thoroughly revised and extended papers presented in this volume were carefully reviewed and selected from 91 submissions. They contribute to the development of highly relevant research trends in model-driven engineering and software development such as methodologies for MDD development and exploitation, model-based testing, model simulation, domain-specific modeling, code generation from models, new MDD tools, multi-model management, model evolution, and industrial applications of model-based methods and technologies.

Software Engineering Education-Jorge L. Diaz-Herrera 1994 While vols. III/29 A, B (published in 1992 and 1993, respectively) contains the low frequency properties of dielectric crystals, in vol. III/30 the high frequency or optical properties are compiled. While the first subvolume 30 A contains

piezooptic and elasto optic constants, linear and quadratic electrooptic constants and their temperature coefficients, and relevant refractive indices, the present subvolume 30 B covers second and third order nonlinear optical susceptibilities. For the reader's convenience an alphabetical formula index and an alphabetical index of chemical, mineralogical and technical names for all substances of volumes 29 A, B and 30 A, B are included.

Object-Oriented Analysis and Design Through Unified Modeling Language

Gandharba Swain 2010 This book adheres to the B.Tech. and MCA syllabus of JNT University, Hyderabad and many other Indian universities. The first two chapters represent the fundamentals of object technology, OOP and OOAD and how people are inclined towards object-oriented analysis and design starting from traditional approach and the different approaches suggested by the three pioneers-Booch, Rum Baugh and Jacobson. Chapters 3 to 18 represent the UML language, the building blocks of UML i.e., things, relationships and diagrams and the use of each diagram with an example. Chapters 19 and 20 discuss a case study "Library Management System". In this study one can get a very clear idea what object oriented analysis and design is and how UML is to be used for that purpose. Appendix-A discusses the different syntactic notations of UML and Appendix-B discusses how the three approaches of Booch, Rum Baugh and Jacobson are unified and the Unified Process. --

Software Engineering-Andrea de Lucia 2009-01-22 Software engineering is widely recognized as one of the most exciting, stimulating, and profitable research areas, with a significant practical impact on the software industry. Thus, training future generations of software engineering researchers and bridging the gap between academia and industry are vital to the field. The International Summer School on Software Engineering (ISSSE), which started in 2003, aims to contribute both to training future researchers and to facilitating the exchange of knowledge between academia and industry. This volume constitutes a collection of articles originating from tutorial lectures given during the last three ISSSE summer schools, as well as a number of contributions on some of the latest findings in the field of

software engineering. The book is organized in three parts on software requirements and design; software testing and reverse engineering; and management.

Structured Object-Oriented Formal Language and Method

Jinyun Xue 2021-06-03 This book constitutes the refereed workshop proceedings of the 10th International Workshop on Structured Object-Oriented Formal Language and Method, SOFL+MSVL 2020, held in Singapore, in March 2021. The 13 revised full papers included in the volume were carefully reviewed and selected from 24 submissions. They are organized in the following topical sections: modeling and specification; model checking; specification and verification; and testing and formal verification. Due to the Corona pandemic this event was held virtually.

Information Security Education Across the Curriculum

Matt Bishop 2015-04-29 This book constitutes the refereed proceedings of the 9th IFIP WG 11.8 World Conference on Security Education, WISE 9, held in Hamburg, Germany, in May 2015. The 11 revised papers presented together with 2 invited papers were carefully reviewed and selected from 20 submissions. They are organized in topical sections on innovative methods, software security education, tools and applications for teaching, and syllabus design.

Mobile Technologies and Applications for the Internet of Things

Michael E. Auer 2019-04-17 This book discusses and assesses the latest trends in the interactive mobile field, and presents the outcomes of the 12th International Conference on Interactive Mobile Communication Technologies and Learning (IMCL2018), which was held in Hamilton, Canada on October 11 and 12, 2018. Today, interactive mobile technologies are at the core of many - if not all - fields of society. Not only does the younger generation of students expect a mobile working and learning environment, but also the new ideas, technologies and solutions coming out practically every day are further strengthening this trend. Since its inception in 2006, the conference has been devoted to highlighting new

approaches in interactive mobile technologies with a focus on learning. The IMCL conferences have since established themselves as a valuable forum for exchanging and discussing new research results and relevant trends, as well as practical experience and best-practice examples. This book contains papers in the fields of: Interactive Collaborative Mobile Learning Environments Mobile Health Care Training Game-based Learning Design of Internet of Things (IoT) Devices and Applications Assessment and Quality in Mobile Learning. Its potential readership includes policymakers, educators and researchers in pedagogy and learning theory, schoolteachers, the learning industry, further education lecturers, etc.

Agent-Oriented Software Engineering IX-Michael Luck 2009-04-22

Software architectures that contain many dynamically interacting components, each with its own thread of control, engaging in complex coordination protocols, are difficult to correctly and efficiently engineer. Agent-oriented modelling techniques are important for the design and development of such applications. This book provides a diverse and interesting overview of the work that is currently being undertaken by a growing number of researchers in the area of Agent-Oriented Software Engineering. The papers represent a state-of-the-art report of current research in this field, which is of critical importance in facilitating industry take-up of powerful agent technologies. This volume constitutes the thoroughly refereed post-conference proceedings of the 9th International Workshop on Agent-Oriented Software Engineering, AOSE 2008, held in Estoril, Portugal, in May 2008 as part of AAMAS 2008. The 20 revised full papers were carefully selected from 50 initial submissions during two rounds of reviewing and improvement. The papers have been organized into four sections on: multi-agent organizations, method engineering and software development processes, testing and debugging, as well as tools and case studies.

Virtual Enterprise Integration: Technological and Organizational Perspectives-Putnik, Goran D. 2005-01-31

Virtual Enterprise Integration: Technological and Organizational Perspectives addresses the emergent research and development issues for the most-advanced enterprise

organizational paradigm of today's world - the virtual enterprise paradigm. Virtual Enterprise Integration: Technological and Organizational Perspectives integrates the contributions by renowned international researchers and scientists and is virtually the first book focusing solely on the problem of virtual enterprise integration. This book is a guide that gives readers a broader perspective of VE integration requirements and raises their awareness on which technology and how technology can serve the needs of an expanding and increasingly competitive organizational model.

Software Engineering: Effective Teaching and Learning Approaches and Practices-Ellis, Heidi J.C. 2008-10-31

Over the past decade, software engineering has developed into a highly respected field. Though computing and software engineering education continues to emerge as a prominent interest area of study, few books specifically focus on software engineering education itself. Software Engineering: Effective Teaching and Learning Approaches and Practices presents the latest developments in software engineering education, drawing contributions from over 20 software engineering educators from around the globe. Encompassing areas such as student assessment and learning, innovative teaching methods, and educational technology, this much-needed book greatly enhances libraries with its unique research content.

Electronic Government and Electronic Participation-H.J. Scholl

2016-08-30 ICT, e-government and electronic participation have become increasingly important in the public sector and the social sphere in recent years. This book presents 53 of the papers accepted for the dual IFIP EGOV-ePart conference 2016, which took place in Guimarães, Portugal, in September 2016. This conference, which consisted of five partially intersecting tracks, presented advances in the socio technological domain of the public sphere demonstrating cutting edge concepts, methods, and styles of investigation by multiple disciplines. The conference has been a premier academic forum for over 15 years and has a worldwide reputation as one of the top two conferences in the research domains of electronic, open and smart government, policy and electronic participation. The papers in this joint proceedings of the 2016 IFIP EGOV-ePart conference comprise

accepted submissions from all categories and all tracks (with the exception of some 38 papers which are published separately). The book is divided into 9 sections: eParticipation, e-Government Evaluation, Open Data and Open Government, Governance, Smart Cities, e-Government Implementation and Adoption, Ph.D. Colloquium Papers, Posters, and Workshops. Offering a comprehensive overview of research and practice on electronic government and electronic participation, this book will be of interest to all those involved in the socio-technological domain of the public sphere.

Unifying the Software Process Spectrum-Barry Boehm 2005 This book constitutes the thoroughly refereed post-proceedings of the International Software Process Workshop, SPW 2005, held in Beijing, China in May 2005. The 30 papers presented here, together with 11 keynote addresses are organized in topical sections on process content, process tools and metrics, process management, process representation and analysis, as well as

experience reports.

Software Process Improvement and Capability Determination-Tanja Woronowicz 2013-05-21 This book constitutes the refereed proceedings of the 13th International Conference on Software Process Improvement and Capability Determination, SPICE 2013, held in Bremen, Germany, in June 2013. The 21 revised full papers presented and 7 short papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on process quality; medical device software processes; design and use of process models; studies of software development; agile development; IT service management; assessment for diagnosis.