

European Service Portal User Manual Suzuki

The report gives a broad description of the shift in governments' focus on e-government development – from a government-centric to a user-centric approach. It gives a comprehensive overview of challenges to user take-up of e-government services in OECD countries and ways of improving them.

"Unluckily, in the recent literature the number of papers on the application of intelligent systems, especially fuzzy sets, have been decreasing considerably. The potential for those applications, however, has not diminished at all. On the contrary, the more complex applications become and the more decision support systems rely on human knowledge and experience, the more relevant and attractive become intelligent techniques. For publications, however, very often the problem arises, that those applications are not suited for publication because they are too complex for any one paper. In this paper it will be attempted to describe important applications in traffic control, in container terminal management and in ground control of airports and give further indications on other possible applications."--Publisher's website.

This book constitutes the refereed proceedings of the International Conference on Web Services, ICWS-Europe 2003, held in Erfurt, Germany, in September 2003. The 16 revised full papers included in the book were carefully reviewed and selected for presentation. The papers are organized in topical sections on constructing and running service-oriented architectures, Web service security, configuration and communication, confluence with agent technology and semantic Web services, and current and future issues.

In the ever-growing importance of e-government, it is becoming more important to understand the developments of new electronic services and mobile applications. Innovative Mobile Platform Developments for Electronic Services Design and Delivery is a comprehensive look at all aspects of production management, delivery and consumption of e-services, self services, and mobile communication including business-to-business, business-to-consumer, government-to-business, government-to-consumer, and consumer-to-consumer e-services. This volume is perfect for the interest of professionals, academic educators, researchers, and industry consultants by providing the latest interdisciplinary research as a new platform for learning and research dissemination.

Tox21 Challenge to Build Predictive Models of Nuclear Receptor and Stress Response Pathways as Mediated by Exposure to Environmental Toxicants and Drugs

Handbook on European data protection law

A Research Guide to Southeastern Europe

EU Code of Conduct for Cloud Service Providers - A guide to compliance

Cases and Applications

Guide to E-commerce Markets in Europe

ECEG2011

This proceedings book illustrates the tremendous evolution, driven by the revolutionary ICT-developments of the 90's.

The handbook presents an overview of Industry 4.0 and offers solutions for important practical questions. The law and its current challenges regarding data assignment (who owns the data? / EU guidelines), data security, data protection (General Data Protection Regulation), cyberattacks, competition law (right to access vs. monopolists, permissible and prohibited exchanges of information, possible collaborations) is the point of departure. In turn, the book explores peculiarities in specific areas of Industry 4.0 (Internet of Production, mechanical engineering, artificial intelligence, electromobility, autonomous driving, traffic, medical science, construction, energy industry, etc.). The book's closing section addresses general developments in management, the digital transformation of companies and the world of work, and ethical questions.

Tens of thousands of chemicals are released into the environment every day. High-throughput screening (HTS) has offered a more efficient and cost-effective alternative to traditional toxicity tests that can profile these chemicals for potential adverse effects with the aim to prioritize a manageable number for more in depth testing and to provide clues to mechanism of toxicity. The Tox21 program, a collaboration between the National Institute of Environmental Health Sciences (NIEHS)/National Toxicology Program (NTP), the U.S. Environmental Protection Agency's (EPA) National Center for Computational Toxicology (NCCT), the National Institutes of Health (NIH) National Center for Advancing Translational Sciences (NCATS), and the U.S. Food and Drug Administration (FDA), has generated quantitative high-throughput screening (qHTS) data on a library of 10K compounds, including environmental chemicals and drugs, against a panel of nuclear receptor and stress response pathway assays during its production phase (phase II). The Tox21 Challenge, a worldwide modeling competition, was launched that asks a "crowd" of researchers to use these data to elucidate the extent to which the interference of biochemical and cellular pathways by compounds can be inferred from chemical structure data. In the Challenge participants were asked to model twelve assays related to nuclear receptor and stress response pathways using the data generated against the Tox21 10K compound library as the training set. The computational models built within this Challenge are expected to improve the community's ability to prioritize novel chemicals with respect to potential concern to human health. This research topic presents the resulting computational models with good predictive performance from this Challenge.

This book aims at informing on new trends, challenges and solutions, in the multidisciplinary field of biomedical engineering. It covers traditional biomedical engineering topics, as well as innovative applications such as artificial intelligence in health care, tissue engineering , neurotechnology and wearable devices. Further topics include mobile health and electroporation-based technologies, as well as new treatments in medicine. Gathering the proceedings of the 8th European Medical and Biological Engineering Conference (EMBEC 2020), held on November 29 - December 3, 2020, in Portorož, Slovenia, this book bridges fundamental and clinically-oriented research, emphasizing the role of education, translational research and commercialization of new ideas in biomedical engineering. It aims at inspiring and fostering communication and collaboration between engineers, physicists, biologists, physicians and other professionals dealing with cutting-edge themes in and advanced technologies serving the broad field of biomedical engineering.

Web Technologies: Concepts, Methodologies, Tools, and Applications

Handbook of Research on Global Challenges for Improving Public Services and Government Operations

Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia

Semantic Web for Business: Cases and Applications

Handbook on Residential Property Price Indices

Baseline study of cross-border data exchange in the Nordic and Baltic countries: Final report

8th Extended Semantic Web Conference, ESWC 2011, Heraklion, Crete, Greece, May 29 - June 2, 2011. Proceedings, Part II

"The field of Biomarkers and Precision Medicine in drug development is rapidly evolving and this book presents a snapshot of exciting new approaches. By presenting a wide range of biomarker applications, discussed by knowledgeable and experienced scientists, readers will develop an appreciation of the scope and breadth of biomarker knowledge and find examples that will help them in their own work."-Maria Freire, Foundation for the National Institutes of Health Handbook of Biomarkers and Precision Medicine provides comprehensive insights into biomarker discovery and development which has driven the new era of Precision Medicine. A wide variety of renowned experts from government, academia, teaching hospitals, biotechnology and pharmaceutical companies share best practices, examples and exciting new developments. The handbook aims to provide in-depth knowledge to research scientists, students and decision makers engaged in Biomarker and Precision Medicine-centric drug development. Features: Detailed insights into biomarker discovery, validation and diagnostic development with implementation strategies Lessons-learned from successful Precision Medicine case studies A variety of exciting and emerging biomarker technologies The next frontiers and future challenges of biomarkers in Precision Medicine Claudio Carini, Mark Fidock and Alain van Gool are internationally recognized as scientific leaders in Biomarkers and Precision Medicine. They have worked for decades in academia and pharmaceutical industry in EU, USA and Asia. Currently, Dr. Carini is Honorary Faculty at King's College School of Medicine, London, UK. Dr. Fidock is Vice President of Precision Medicine Laboratories at AstraZenca, Cambridge, UK. Prof.dr. van Gool is Head Translational Metabolic Laboratory at Radboud university medical school, Nijmegen, NL.

Respective of whether we use economic or societal metrics, the Internet is one of the most important technical infrastructures in existence today. It will be a catalyst for much of our innovation and prosperity in the future. A competitive Europe will require Internet connectivity and services beyond the capabilities offered by current technologies. Future Internet research is therefore a must. This book is published in full compliance with the Open Access publishing initiative; it is based on the research carried out within the Future Internet Assembly (FIA). It contains a sample of the research results from the recent FIA meetings spanning a broad range of topics, all being of crucial importance for the future Internet. The book includes 32 contributions and has been structured into the following sections, each of which is preceded by a short introduction: Foundational architectural issues; socio-economic issues; security and trust; and experimental and experimental design. Future Internet Areas: networks, services, and content; and applications.

This volume contains the proceedings of the First International ICST Conference on Digital Business (DigiBiz 2009), hosted by City University London in London, UK. This annual event had the main objective to stimulate and disseminate research results and experimentation on future Digital Business to a wider multidisciplinary forum that would allow the participants to cross the boundaries between research and business. The scientific offering in e-business, e-commerce, and ICT in general is quite broad and spans many different research themes, involving several communities and me-odologies. The growth and dynamic nature of these research themes pose both ch- lenges and opportunities. The challenges are in having scientists and practitioners talk to each other: despite the fact that they work on similar problems they often use very different languages in terms of research tools and approaches. The opportunities on the other hand arise when scientists and practitioners engage in multidisciplinary d- cussions leading to new ideas, projects and products.

For you as an IT manager, changes in business models and fast-paced innovation and product lifecycles pose a big challenge; you are required to anticipate the impact of future changes, and to make rapid decisions backed up by solid facts. To be successful you need an overall perspective of how business and IT interact. What you need is a toolkit, enabling you to manage the enterprise from a helicopter viewpoint while at the same time accommodating quite detailed aspects of processes, organization, and software lifecycles. Strategic IT management embraces all the processes required to analyze and document an enterprise's IT landscape. Based on the experience of many projects and long discussions with both customers and academic researchers, Inge Hanschke provides you with a comprehensive and practical toolkit for the strategic management of your IT landscape. She takes a holistic view on the management process and gives guidelines on how to establish, roll out, and maintain an enterprise IT landscape effectively. She shows you how to do it right first time – because often enough there's no second chance. She tells you how to tidy up a IT patchworks – the first step towards strategic management – and she gives you advice on how to implement changes and maintain the landscape over time. The book's structure reflects the patterns that exist in strategic IT management from strategic planning to actual implementation. The presentation uses many checklists, guidelines, and illustrations, which will help you to immediately apply the content. So, if you are a CIO, an IT manager, a business manager, or an IT consultant, this is the book from which you'll benefit in most daily work situations.

Challenges in Cybersecurity and Privacy - the European Research Landscape

Beyond the Hanseatic League (8th International Conference on Current Research Information Systems)

Handbook of Biomarkers and Precision Medicine

Gover Handbook of Discrimination at Work

ECEG2011-Proceedings of the 11th European Conference on EGovernment

Better Regulation in Europe: Austria 2010

Digital Business

This report maps and analyses the core issues which together make up effective regulatory management for Austria, laying down a framework of what should be driving regulatory policy and reform in the future.

Cybersecurity has been gaining serious attention and recently has become an important topic of concern for organizations, government institutions, and largely for people interacting with digital online systems. As many individual and organizational activities continue to grow and are conducted in the digital environment, new vulnerabilities have arisen which have led to cybersecurity threats. The nature, source, reasons, and sophistication for cyberattacks are not clearly known or understood, and many times invisible cyber attackers are never traced or can never be found. Cyberattacks can only be known once the attack and the destruction have already taken place long after the attackers have left. Cybersecurity for computer systems has increasingly become important because the government, military, corporate, financial, critical infrastructure, and medical organizations rely heavily on digital network systems, which process and store large volumes of data on computer devices that are exchanged on the internet, and they are vulnerable to "continuous" cyberattacks. As cybersecurity has become a global concern, it needs to be clearly understood, and innovative solutions are required. The Handbook of Research on Advancing Cybersecurity for Digital Transformation looks deeper into issues, problems, and innovative solutions and strategies that are linked to cybersecurity. This book will provide important knowledge that can impact the improvement of cybersecurity, which can add value in terms of innovation to solving cybersecurity threats. The chapters cover cybersecurity challenges, technologies, and solutions in the context of different industries and different types of threats. This book is ideal for cybersecurity researchers, professionals, scientists, scholars, and managers, as well as practitioners, stakeholders, researchers, academicians, and students interested in the latest advancements in cybersecurity for digital transformation.

The EU Data Protection Code of Conduct for Cloud Service Providers provides guidance on how to implement the Code within your organisation, exploring the objectives of the Code and how compliance can be achieved with or without a pre-existing ISMS (information security management system) within the organisation.

The books (LNCS 6643 and 6644) constitute the refereed proceedings of the 8th European Semantic Web Conference, ESWC 2011, held in Heraklion, Crete, Greece, in May/June 2011. The 57 revised full papers of the research track presented together with 7 PhD symposium papers and 14 demo papers were carefully reviewed and selected from 291 submissions. The papers are organized in topical sections on digital libraries track: inductive and probabilistic approaches track: linked open data track: mobile web track: natural language processing track: ontologies track: and reasoning track (part I): semantic data management track: semantic web in use track: sensor web track: software, services, processes and cloud computing track: social web and web science track: demo track.

PhD symposium (part II)

The Semantic Web: Research and Applications

Law, Technology, Society

Innovative Mobile Platform Developments for Electronic Services Design and Delivery

E-government in Europe

The Oxford Handbook of Museum Archaeology

Establishing the Foundation of Collaborative Networks

The Euromedia Handbook

Available online: https://pub.norden.org/item/nord2021-547?The Finnish security project on data exchange "Achieving the World's Smoothest Cross-Border Mobility and Daily Life Through Digitalisation" (2021-2023) has produced this baseline study report. The report outlines the current situation of cross-border data exchange between authorities in the Nordic and Baltic countries, while focusing on the three work packages of the presidency project: Studying in another Nordic-Baltic country, using health services in another Nordic-Baltic country, and the the Nordic-Baltic legislative databases. Additionally, the barriers to cross-border data exchange was assessed based on the four interoperability layers of the European Interoperability Framework: legal, organisational, semantic and technical interoperability. The report will form the basis of the continued work of the presidency project.

This cutting-edge Research Handbook presents a comprehensive overview of the European Union's influence on the regulation of the media sector in the digital age. It explores and compares several areas of European legislation that have an impact on the media sector, defined in a broad sense for its capacity to influence the public opinion at large.

This book traces the development of e-government and its applications across Europe, exploring the effects of information and communication technology (ICTs) upon political action and processes. Explores a range of concepts and topics underpinning e-government in Europe: the degree to which e-government translates into genuine reform of government and public administration the dual role of the EU as both a provider of e-government through its own internal activities and also as a facilitator or aggregator in the way it seeks to engender change and promote its ethos in member states across the EU cyberterrorism and its use both by terrorists and governments to pursue political agendas. Featuring in-depth case studies on the progress of e-government in the UK, France, Germany, Denmark, The Netherlands, Portugal, Greece, Slovenia, Hungary, and Estonia. These case studies address the above issues, whilst at the same time highlighting commonality and diversity in practice and the paradox between top-down strategies and the effort to engage wider civil participation via e-government. e-Government in Europe will be of interest to students and scholars of public policy, politics, media and communication studies, computing and information and communications technologies and European studies.

This book, examining smart-city trends and developments from global, Chinese and EU perspectives, shows how the concept of the smart city varies from city to city. A detailed analysis is made to present the smart city as an up-to-date model of world city. Thirty pilot cities answer questions designed by the "Smart City Evaluation Framework," including managerial entities, stakeholders, project description and performance and whatever else relates to smart cities. By assessing the answers, researchers reveal major trends, best practices and challenges confronting smart city campaigns and solutions are provided. This is a must-read for anyone wishing to understand Chinese and European cities in terms of ideas about city development, plausible practice, natural and geographic conditions, economic structure and infrastructure robustness. Innovation and updates in telecommunication technology is regarded as indicative of city intelligence and green, low-carbon and sustainable development. This innovative book offers an interdisciplinary perspective and shall be of interest to researchers, policy analysts and technical experts involved in and responsible for the planning, development and design of smart cities.

Strategic IT Management

A Toolkit for Enterprise Architecture Management

Web Services - ICWS-Europe 2003

Comparative Study of Smart Cities in Europe and China 2014

ECIME 2014 Proceedings of the 8th European Conference on IS Management and Evaluation

Handbook of Research on Mobile Multimedia

Reseach Handbook on EU Media Law and Policy

Workplace discrimination is an experience that, despite four decades of equality legislation, continues to blight the lives of thousands every year. Discrimination persists on the protected grounds of sex, race, disability, age, sexual orientation, religion or belief and gender reassignment, as well as where no legal protection exists such as in relation to class background or migration status. The Handbook discusses recent changes in equality legislation as well as considering the limitations of legal frameworks in addressing inequality. However, complying with the law is only the first step towards addressing discrimination in the workplace, and the book goes beyond the law and provides evidence of good practice in promoting organisational culture change, as well as considering future directions for policy on equality action. The Gower Handbook of Discrimination at Work looks at both social justice and business case perspectives, and its message is not a negative one. The contributors have considerable depth of understanding of workplace discrimination, both as academics and equality practitioners, their work has contributed to policy formation and all are committed to improving the lives of people at work. They offer insights into existing international developments and make suggestions for the ways in which positive change can be realised. Practitioners, such as human resources professionals and other managers involved in addressing equality at work, trade unionists, equality trainers, and academics concerned with researching or teaching in the areas of employment and equality will all find this book of interest. Furthermore, it will be of value to students in the fields of business and management, employment law, equality and diversity and human resource management.

The rapid development of information technology has exacerbated the need for robust personal data protection, the right to which is safeguarded by both European Union (EU) and Council of Europe (CoE) instruments. Safeguarding this important right entails new and significant challenges as technological advances expand the frontiers of areas such as surveillance, communication interception and data storage. This handbook is designed to familiarise legal practitioners not specialised in data protection with this emerging area of the law. It provides an overview of the EU's and the CoE's applicable legal frameworks. It also explains key case law, summarising major rulings of both the Court of Justice of the European Union and the European Court of Human Rights. In addition, it presents hypothetical scenarios that serve as practical illustrations of the diverse issues encountered in this ever-evolving field.

With the technological advancement of mobile devices, social networking, and electronic services, Web technologies continues to play an ever-growing part of the global way of life, incorporated into cultural, economical, and organizational levels. Web Technologies: Concepts, Methodologies, Tools, and Applications (4 Volume) provides a comprehensive depiction of current and future trends in support of the evolution of Web information systems, Web applications, and the Internet. Through coverage of the latest models, concepts, and architectures, this multiple-volume reference supplies audiences with an authoritative source of information and direction for the further development of the Internet and Web-based phenomena.

An emerging area of study within technology and tourism focuses on the development of technologies which enable Internet users to quickly and effectively find relevant information about selected topics including travel destination, transportation, etc. This area of tourism research and development is generally referred to as destination marketing systems (DMS) and brings together both applied and academic interests ranging from marketing and management to psychology, mathematics and computer sciences. This book provides a comprehensive synthesis of the current status of research, representing the contributions of some of the leading researchers in destination marketing systems.

Better Regulation in Europe: Finland 2010

Handbook Industry 4.0

Intelligent Transport Systems in Europe

OECD e-Government Studies: Rethinking e-Government Services User-Centred Approaches

Behavioral Foundations and Applications

First International ICST Conference, DigiBiz 2009, London, UK, June 17-19, 2009, Revised Selected Papers

Concepts, Methodologies, Tools, and Applications

Web Services - ICWS-Europe 2003International Conference ICWS-Europe 2003, Erfurt, Germany, September 23-24, 2003, ProceedingsSpringer Science & Business Media

As the field of public administration has been changing due to globalization, government reforms, and increasing governance practices within intergovernmental networks, research and teaching in public administration also adapted itself to these changes. Public policy research and instruction has become transformed and has diffused into other countries with the help of international organizations and other agents of change and transfer. Research in this field is seen as an opportunity for a definitive shift from traditional models of public administration in the sense that policies may be better designed, articulated, and governed through a collaborative approach, while service provision could be enhanced in terms of proximity, representativeness, and innovativeness. The Handbook of Research on Global Challenges for Improving Public Services and Government Operations provides comprehensive approaches to the study of public administration and public policy from a comparative perspective and includes sound theories and concepts for understanding opportunities and challenges governments face when seeking to improve public services and government operations. The book is a compilation of selective high-quality chapters covering cases, experiences, and practical recommendations on topics related to public administration, public policy, social policy, public management, and public affairs. This book is ideal for policymakers, students, and researchers in the field of public administration, public policy, governance, public management, public affairs, citizen engagement, and administrative sciences and management along with practitioners, stakeholders, and academicians interested in the best practices of various countries in public administration and policy.

This Handbook provides a transnational reference point for critical engagements with the legacies of, and futures for, global archaeological collections. It challenges the common misconception that museum archaeology is simply a set of procedures for managing and exhibiting assemblages. Instead, this volume advances museum archaeology as an area of reflexive research and practice addressing the critical issues of what gets prioritized by and researched in museums, by whom, how, and why. Through twenty-eight chapters, authors problematize and suggest new ways of thinking about historic, contemporary, and future relationships between archaeological fieldwork and museums, as well as the array of institutional and cultural paradigms through which archaeological enquiries are mediated. Case studies embrace not just archaeological finds, but also archival field notes, photographic media, archaeological samples, and replicas. Throughout, museum activities are put into dialogue with other aspects of archaeological practice, with the aim of situating museum work within a more holistic archaeology that does not privilege excavation or field survey above other aspects of disciplinary engagement. These concerns will be grounded in the realities of museums internationally, including Latin America, Africa, Asia, Oceania, North America, and Europe. In so doing, the common heritage sector refrain 'best practice' is not assumed to solely emanate from developed countries or European philosophies, but instead is considered as emerging from and accommodated within local concerns and diverse museum cultures.

This report maps and analyses the core issues which together make up effective regulatory management for Finland, laying down a framework of what should be driving regulatory policy and reform in the future.

International Conference ICWS-Europe 2003, Erfurt, Germany, September 23-24, 2003, Proceedings

Re-booting the State

User-Centred Approaches

Opportunities for Future Research

Handbook of Research on Applying Emerging Technologies Across Multiple Disciplines

Enabling Interaction and Quality

Destination Recommendation Systems

In recent decades, there has been a groundbreaking evolution in technology. Every year, technology not only advances, but it also spreads throughout industries. Many fields such as law, education, business, engineering, and more have adopted these advanced technologies into their toolset. These technologies have a vastly different effect ranging from these different industries. The Handbook of Research on Applying Emerging Technologies Across Multiple Disciplines examines how technologies impact many different areas of knowledge. This book combines a solid theoretical approach with many practical applications of new technologies within many disciplines. Covering topics such as computer-supported collaborative learning, machine learning algorithms, and blockchain, this text is essential for technologists, IT specialists, programmers, computer scientists, engineers, managers, administrators, academicians, students, policymakers, and researchers.

Covering 23 countries, this volume highlights and explains key issues of debate and current tendencies in media policy and provides basic statistics relating to each case study. The chapters are written by an expert from the country concerned.

This open access State-of-the-Art Survey describes and documents the developments and results of the Once-Only Principle Project (TOOP). The Once-Only Principle (OOP) is part of the seven underlying principles of the eGovernment Action Plan 2016-2020. It aims to make the government more effective and to reduce administrative burdens by asking citizens and companies to provide certain standard information to the public authorities only once. The project was horizontal and policy-driven with the aim of showing that the implementation of OOP in a cross-border and cross-sector setting is feasible. The book summarizes the results of the project from policy, organizational, architectural, and technical points of view.

This Handbook provides, for the first time, comprehensive guidelines for the compilation of Residential Property Price Indexes and explains in depth the methods and best practices used to calculate an RPPI.

ECIME2014

The Once-Only Principle

Handbook of Semantic Web Technologies

2018 Edition

IFIP TC 5 Working Group 5.5 Eighth IFIP Working Conference on Virtual Enterprises September 10-12, 2007, Guimarães, Portugal

The Future Internet

Future Internet Assembly 2011: Achievements and Technological Promises

This book seeks to aid scholars of all stripes in researching the nations, states, and peoples of the Balkan Peninsula in the Modern Age, presenting a single-source alternative to scholars for launching projects that span the humanities and social sciences.

Cybersecurity and Privacy issues are becoming an important barrier for a trusted and dependable global digital society development. Cyber-criminals are continuously shifting their cyber-attacks specially against cyber-physical systems and IoT, since they present additional vulnerabilities due to their constrained capabilities, their unattended nature and the usage of potential untrustworthy components. Likewise, identity-theft, fraud, personal data leakages, and other related cyber-crimes are continuously evolving, causing important damages and privacy problems for European citizens in both virtual and physical scenarios. In this context, new holistic approaches, methodologies, techniques and tools are needed to cope with those issues, and mitigate cyberattacks, by employing novel cyber-situational awareness frameworks, risk analysis and modeling, threat intelligent systems, cyber-threat information sharing methods, advanced big-data analysis techniques as well as exploiting the benefits from latest technologies such as SDN/NFV and Cloud systems. In addition, novel privacy-preserving techniques, and crypto-privacy mechanisms, identity and eID management systems, trust services, and recommendations are needed to protect citizens' privacy while keeping usability levels. The European Commission is addressing the challenge through different means, including the Horizon 2020 Research and Innovation program,

thereby financing innovative projects that can cope with the increasing cyberthreat landscape. This book introduces several cybersecurity and privacy research challenges and how they are being addressed in the scope of 15 European research projects. Each chapter is dedicated to a different funded European Research project, which aims to cope with digital security and privacy aspects, risks, threats and cybersecurity issues from a different perspective. Each chapter includes the project's overviews and objectives, the particular challenges they are covering, research achievements on security and privacy, as well as the techniques, outcomes, and evaluations accomplished in the scope of the EU project. The book is the result of a collaborative effort among relative ongoing European Research projects in the field of privacy and security as well as related cybersecurity fields, and it is intended to explain how these projects meet the main cybersecurity and privacy challenges faced in Europe. Namely, the EU projects analyzed in the book are: ANASTACIA, SAINT, YAKSHA, FORTIKA, CYBECO, SISSDEN, CIPSEC, CS-AWARE, RED-Alert, Truessec.eu, ARIES, LIGHTest, CREDENTIAL, FutureTrust, LEPS. Challenges in Cybersecurity and Privacy - the European Research Landscape is ideal for personnel in computer/communication industries as well as academic staff and master/research students in computer science and communications networks interested in learning about cyber-security and privacy aspects.

This book includes a number of selected papers from the PRO-VE '07 Conference, providing a comprehensive overview of recent advances in various Collaborative Networks domains. It covers trust aspects, performance and value systems, VO breeding environments, VO creation, e-contracting, collaborative architectures and frameworks, professional virtual communities, interoperability issues, business benefits, and case studies and applications in industry and services.

"This book provides simple costs and benefits analysis showing that the Semantic Web is prepared for e-business"--Provided by publisher.

Print and Electronic Sources

Handbook of Research on Advancing Cybersecurity for Digital Transformation

The TOOP Project

The Media in Europe

8th European Medical and Biological Engineering Conference

After years of mostly theoretical research, Semantic Web Technologies are now reaching out into application areas like bioinformatics, eCommerce, eGovernment, or Social Webs. Applications like genomic ontologies, semantic web services, automated catalogue alignment, ontology matching, or blogs and social networks are constantly increasing, often driven or at least backed up by companies like Google, Amazon, YouTube, Facebook, LinkedIn and others. The need to leverage the potential of combining information in a meaningful way in order to be able to benefit from the Web will create further demand for and interest in Semantic Web research. This movement, based on the growing maturity of related research results, necessitates a reliable reference source from which beginners to the field can draw a first basic knowledge of the main underlying technologies as well as state-of-the-art application areas. This handbook, put together by three leading authorities in the field, and supported by an advisory board of highly reputed researchers, fulfils exactly this need. It is the first dedicated reference work in this field, collecting contributions about both the technical foundations of the Semantic Web as well as their main usage in other scientific fields like life sciences, engineering, business, or education.

"This handbook provides insight into the field of mobile multimedia and associated applications and services"--Provided by publisher.