

## *International Journal Of Information Technology Springer*

Organizations are continuously overwhelmed by a variety of new information technologies; many are Web-based. These new technologies are capitalizing on the widespread use of network and communication technologies for seamless integration of various issues in information and knowledge sharing within and among organizations. This emphasis on integrated approaches is unique to this journal and dictates cross platform and multidisciplinary strategy to research and practice.

How the increasing reliance on metrics to evaluate scholarly publications has produced new forms of academic fraud and misconduct. The traditional academic imperative to "publish or perish" is increasingly coupled with the newer necessity of "impact or perish" the requirement that a publication have "impact," as measured by a variety of metrics, including citations, views, and downloads. *Gaming the Metrics* examines how the increasing reliance on metrics to evaluate scholarly publications has produced radically new forms of academic fraud and misconduct. The contributors show that the metrics-based "audit culture" has changed the ecology of research, fostering the gaming and manipulation of quantitative indicators, which lead to the invention of such novel forms of misconduct as citation rings and variously rigged peer reviews. The chapters, written by both scholars and those in the trenches of academic publication, provide a map of academic fraud and misconduct today. They consider such topics as the shortcomings of metrics, the gaming of impact factors, the

emergence of so-called predatory journals, the "salami slicing" of scientific findings, the rigging of global university rankings, and the creation of new watchdogs and forensic practices.

This volume constitutes the refereed proceedings of the Third International Conference on Advanced Science and Technology, AST 2011, held in Seoul, South Korea, in September 2011. The 37 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers feature ideas, problems and solutions relating to the multifaceted aspects of the Advanced Science and Technology, such as communication and networking; ubiquitous multimedia computing; security technology and information assurance; computer science, software engineering and applications thereof; bio-science and bio-technology; u- and e-service, science and technology; database theory and application; control and automation; signal processing, image processing and pattern recognition; as well as grid and distributed computing.

Achieving Diversity and Excellence

An Introduction to Your Future

International Journal of Strategic Information Technology and Applications (IJSITA).

Artificial Unintelligence

Concepts, Methodologies, Tools and Applications

International Journal of Information Technology and Web Engineering (IJITWE).

**Addressing the impact of information technology on the field of criminal justice, this title looks at the larger issues related to the impact of new technology and methods in this area,**

what we have learned from the past and what we might expect from the future. This book is the proceedings of Third International Conference on Computational Science, Engineering and Information Technology (CCSEIT-2013) that was held in Konya, Turkey, on June 7-9. CCSEIT-2013 provided an excellent international forum for sharing knowledge and results in theory, methodology and applications of computational science, engineering and information technology. This book contains research results, projects, survey work and industrial experiences representing significant advances in the field. The different contributions collected in this book cover five main areas: algorithms, data structures and applications; wireless and mobile networks; computer networks and communications; natural language processing and information theory; cryptography and information security. With the inundation of emergent online- and Web-centered technologies, there has been an increased focus on intelligent information technologies that are designed to enable users to

accomplish complex tasks with relative ease. Intelligent Information Technologies and Applications provides cutting-edge research on the modeling; implementation; and financial, environmental, and organizational implications of this dynamic topic to researchers and practitioners in fields such as information systems, intelligent agents, artificial intelligence, and Web engineering. How Computers Misunderstand the World

Circuits and Signal Processing  
International Journal of Human Capital  
and Information Technology  
Professionals, Vol 4 Iss 1  
Gaming the Metrics  
Third International Conference, AST  
2011, Seoul, Korea, September 27-29,  
2011. Proceedings

Intelligent Decision Technologies (IDT) seeks an interchange of research on intelligent systems and intelligent technologies which enhance or improve decision making in industry, government and academia. The focus is interdisciplinary in nature, and includes research on all aspects of intelligent decision technologies, from fundamental development to

the applied system. This volume represents leading research from the Third KES International Symposium on Intelligent Decision Technologies (KES IDT ' 11), hosted and organized by the University of Piraeus, Greece, in conjunction with KES International. The symposium was concerned with theory, design, development, implementation, testing and evaluation of intelligent decision systems. Topics include decision making theory, intelligent agents, fuzzy logic, multi-agent systems, Bayesian networks, optimization, artificial neural networks, genetic algorithms, expert systems, decision support systems, geographic information systems, case-based reasoning, time series, knowledge management systems, rough sets, spatial decision analysis, and multi-criteria decision analysis. These technologies have the potential to revolutionize decision making in many areas of management, healthcare, international business, finance, accounting, marketing, military applications, ecommerce, network management, crisis response, building design, information retrieval, and disaster recovery for a better future. The symposium was concerned with theory, design, development, implementation, testing and evaluation of intelligent decision systems. Topics include decision making theory,

intelligent agents, fuzzy logic, multi-agent systems, Bayesian networks, optimization, artificial neural networks, genetic algorithms, expert systems, decision support systems, geographic information systems, case-based reasoning, time series, knowledge management systems, rough sets, spatial decision analysis, and multi-criteria decision analysis. These technologies have the potential to revolutionize decision making in many areas of management, healthcare, international business, finance, accounting, marketing, military applications, ecommerce, network management, crisis response, building design, information retrieval, and disaster recovery for a better future. Best practices for addressing the bias and inequality that may result from the automated collection, analysis, and distribution of large datasets. Human-centered data science is a new interdisciplinary field that draws from human-computer interaction, social science, statistics, and computational techniques. This book, written by founders of the field, introduces best practices for addressing the bias and inequality that may result from the automated collection, analysis, and distribution of very large datasets. It offers a brief and accessible overview of many common statistical and algorithmic data science

techniques, explains human-centered approaches to data science problems, and presents practical guidelines and real-world case studies to help readers apply these methods. The authors explain how data scientists' choices are involved at every stage of the data science workflow—and show how a human-centered approach can enhance each one, by making the process more transparent, asking questions, and considering the social context of the data. They describe how tools from social science might be incorporated into data science practices, discuss different types of collaboration, and consider data storytelling through visualization. The book shows that data science practitioners can build rigorous and ethical algorithms and design projects that use cutting-edge computational tools and address social concerns.

This comprehensive textbook by the editor of *Law and the Internet* seeks to provide students, practitioners and businesses with an up-to-date and accessible account of the key issues in internet law and policy from a European and UK perspective. The internet has advanced in the last 20 years from an esoteric interest to a vital and unavoidable part of modern work, rest and play. As such, an account of how the internet and its users are regulated is vital for

everyone concerned with the modern information society. This book also addresses the fact that internet regulation is not just a matter of law but increasingly intermixed with technology, economics and politics. Policy developments are closely analysed as an intrinsic part of modern governance. Law, Policy and the Internet focuses on two key areas: e-commerce, including the role and responsibilities of online intermediaries such as Google, Facebook and Uber; and privacy, data protection and online crime. In particular there is detailed up-to-date coverage of the crucially important General Data Protection Regulation which came into force in May 2018.

International Journal of Information Technology Project Management (IJITPM).

Value Sensitive Design

International Journal of Information and Communication Technology Education (IJICTE)

International Journal of Information Technology Project Management

Digital Front-End in Wireless Communications and Broadcasting

International Journal of Information Technologies and Systems Approach

**The artificial intelligence (AI) landscape has evolved significantly from 1950 when Alan Turing first posed the question of whether machines can think. Today,**

**AI is transforming societies and economies. It promises to generate productivity gains, improve well-being and help address global challenges, such as climate change, resource scarcity and health crises.**

**How colleges and universities can live up to their ideals of diversity, and why inclusivity and excellence go hand in hand. Most colleges and universities embrace the ideals of diversity and inclusion, but many fall short, especially in the hiring, retention, and advancement of faculty who would more fully represent our diverse world—in particular women and people of color. In this book, Abigail Stewart and Virginia Valian argue that diversity and excellence go hand in hand and provide guidance for achieving both. Stewart and Valian, themselves senior academics, support their argument with comprehensive data from a range of disciplines. They show why merit is often overlooked; they offer statistics and examples of individual experiences of exclusion, such as being left out of crucial meetings; and they outline institutional practices that keep exclusion invisible, including reliance on proxies for excellence, such as prestige, that disadvantage outstanding candidates who are not members of the white male majority. Perhaps most important, Stewart and Valian provide practical advice for overcoming obstacles to inclusion. This advice is based on their experiences at their own universities, their consultations with faculty and administrators at many other**

**institutions, and data on institutional change. Stewart and Valian offer recommendations for changing structures and practices so that people become successful in ways that benefit everyone. They describe better ways of searching for job candidates; evaluating candidates for hiring, tenure, and promotion; helping faculty succeed; and broadening rewards and recognition.**

**The challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to predict and control our behavior. In this masterwork of original thinking and research, Shoshana Zuboff provides startling insights into the phenomenon that she has named surveillance capitalism. The stakes could not be higher: a global architecture of behavior modification threatens human nature in the twenty-first century just as industrial capitalism disfigured the natural world in the twentieth. Zuboff vividly brings to life the consequences as surveillance capitalism advances from Silicon Valley into every economic sector. Vast wealth and power are accumulated in ominous new "behavioral futures markets," where predictions about our behavior are bought and sold, and the production of goods and services is subordinated to a new "means of behavioral modification." The threat has shifted from a totalitarian Big Brother state to a ubiquitous digital architecture: a "Big Other" operating in the interests of surveillance**

capital. Here is the crucible of an unprecedented form of power marked by extreme concentrations of knowledge and free from democratic oversight. Zuboff's comprehensive and moving analysis lays bare the threats to twenty-first century society: a controlled "hive" of total connection that seduces with promises of total certainty for maximum profit -- at the expense of democracy, freedom, and our human future. With little resistance from law or society, surveillance capitalism is on the verge of dominating the social order and shaping the digital future -- if we let it.

**Misconduct and Manipulation in Academic Research  
An Introduction**

**Intelligent Information Technologies and  
Applications**

**International Journal of Information Technology and  
Web Engineering (IJITWE) Volume 13**

**The Age of Surveillance Capitalism**

**Advanced Computer Science and Information  
Technology**

*International Journal of Information Technology and  
Web Engineering (IJITWE).International Journal of  
Information Technologies and Systems*

*ApproachInternational Journal of Information  
Technology and Web EngineeringInternational  
Journal of Information and Communication*

*Technology Education (IJICTE)Volume 6, issue 4,  
October-December 2010International Journal of*

*Information Technology and Web Engineering, Vol 7  
ISS 1IGI PublishingInternational Journal of*

*Information Technology Project*

*Management International Journal of Information  
Technology Project Management*

*(IJITPM). Information Technology Project  
Management, Revised Cengage Learning*

*"This work is a comprehensive, four-volume  
reference addressing major issues, trends, and areas  
for advancement in information management  
research, containing chapters investigating human  
factors in IT management, as well as IT governance,  
outsourcing, and diffusion"--Provided by publisher.*

*A guide to understanding the inner workings and  
outer limits of technology and why we should never  
assume that computers always get it right. In  
Artificial Unintelligence, Meredith Broussard argues  
that our collective enthusiasm for applying computer  
technology to every aspect of life has resulted in a  
tremendous amount of poorly designed systems. We  
are so eager to do everything digitally—hiring,  
driving, paying bills, even choosing romantic  
partners—that we have stopped demanding that our  
technology actually work. Broussard, a software  
developer and journalist, reminds us that there are  
fundamental limits to what we can (and should) do  
with technology. With this book, she offers a guide to  
understanding the inner workings and outer limits of  
technology—and issues a warning that we should  
never assume that computers always get things right.  
Making a case against technochauvinism—the belief  
that technology is always the solution—Broussard  
argues that it's just not true that social problems  
would inevitably retreat before a digitally enabled  
Utopia. To prove her point, she undertakes a series of  
adventures in computer programming. She goes for  
an alarming ride in a driverless car, concluding "the*

*cyborg future is not coming any time soon”; uses artificial intelligence to investigate why students can't pass standardized tests; deploys machine learning to predict which passengers survived the Titanic disaster; and attempts to repair the U.S. campaign finance system by building AI software. If we understand the limits of what we can do with technology, Broussard tells us, we can make better choices about what we should do with it to make the world better for everyone.*

TELEMATICS AND INFORMATICS: AN  
INTERNATIONAL JOURNAL ON  
TELECOMMUNICATIONS & INFORMATION  
TECHNOLOGY

*Future Information Technology  
Information Technology Project Management,  
Revised*

*Information Resources Management: Concepts,  
Methodologies, Tools and Applications*

*Shaping Technology with Moral Imagination*

*Proceedings of the Third International Conference on  
Computational Science, Engineering and Information  
Technology (CCSEIT-2013), KTO Karatay University,  
June 7-9, 2013, Konya, Turkey - Volume 1*

A leading innovation scholar explains the growing phenomenon and impact of free innovation, in which innovations developed by consumers and given away “for free.” In this book, Eric von Hippel, author of the influential *Democratizing Innovation*, integrates new theory and research findings into

the framework of a “free innovation paradigm.” Free innovation, as he defines it, involves innovations developed by consumers who are self-rewarded for their efforts, and who give their designs away “for free.” It is an inherently simple grassroots innovation process, unencumbered by compensated transactions and intellectual property rights. Free innovation is already widespread in national economies and is steadily increasing in both scale and scope. Today, tens of millions of consumers are collectively spending tens of billions of dollars annually on innovation development. However, because free innovations are developed during consumers' unpaid, discretionary time and are given away rather than sold, their collective impact and value have until very recently been hidden from view. This has caused researchers, governments, and firms to focus too much on the Schumpeterian idea of innovation as a producer-dominated activity. Free innovation has both advantages and drawbacks. Because free innovators are self-rewarded by such

factors as personal utility, learning, and fun, they often pioneer new areas before producers see commercial potential. At the same time, because they give away their innovations, free innovators generally have very little incentive to invest in diffusing what they create, which reduces the social value of their efforts. The best solution, von Hippel and his colleagues argue, is a division of labor between free innovators and producers, enabling each to do what they do best. The result will be both increased producer profits and increased social welfare—a gain for all.

Tomorrow's Lawyers predicts that we are at the beginning of a period of fundamental transformation in law: a time in which we will see greater change than we have seen in the past two centuries. Where the future of the legal service will be a world of internet-based global businesses, online document production, commoditized service, legal process outsourcing, and web based simulation practice. Legal markets will be liberalized, with new jobs for lawyers

and new employers too. This book is a definitive guide to this future - for young and aspiring lawyers, and for all who want to modernize our legal and justice systems. It introduces the new legal landscape and offers practical guidance for those who intend to build careers and businesses in law.

Tomorrow's Lawyers is divided into three parts. The first is an updated restatement of Richard Susskind's views on the future of legal services, as laid out in his previous bestselling works, *The Future of Law*, *Transforming the Law*, and *The End of Lawyers?*. He identifies key drivers of change, such as the economic downturn, and considers how these will impact on the legal marketplace. In the second part, Susskind sketches out the new legal landscape as he predicts it, including the changing role of law firms, and in-house lawyers, with virtual hearings and online dispute resolution. The third part focuses on the prospects for aspiring lawyers, predicting what new jobs and new employers there will be, and equipping prospective lawyers with penetrating questions to put to their

current and future employers. This new edition has been fully updated to include an introduction to online dispute resolution, Susskind's views on the debates surrounding artificial intelligence and its role in the legal world, a new analysis of new jobs available for lawyers, and a retrospective evaluation of *The Future of Law*, Susskind's prediction published in 1996 about the future of legal services. This is the essential introduction to the future of law for those who want to succeed in the rapidly changing legal landscape. Discover exciting behind-the-scenes opportunities and challenges in technology today with Schwalbe's unique **INFORMATION TECHNOLOGY PROJECT MANAGEMENT, REVISED 7E**. This one-of-a-kind book demonstrates the principles distinctive to managing information technology (IT) projects that extend well beyond standard project management requirements. No book offers more up-to-the minute insights and software tools for IT project management success, including updates that reflect the latest PMBOK Guide, 5th edition, the

global standard for managing projects and earning certification. The book weaves today's theory with successful practices for an understandable, integrated presentation that focuses on the concepts, tools, and techniques that are most effective today.

### INFORMATION TECHNOLOGY PROJECT

MANAGEMENT is the only book to apply all ten project management knowledge areas to IT projects. You master skills in project integration, scope, time, cost, quality, human resource, communications, risk, procurement, and stakeholder management as well as all five process groups--initiating, planning, executing, monitoring and controlling, and closing. Intriguing examples from familiar companies featured in today's news, a new Agile case, opportunities with MindView software, and a new chapter on project stakeholder management further ensure you are equipped to manage information technology projects with success. The REVISED Seventh Edition has updated Appendix A for Microsoft Project 2013. Important Notice: Media content referenced within the product

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description or the product text may not be available in the ebook version.

Artificial Intelligence in Society  
International Journal of Information  
Technology and Web Engineering (IJITWE)

Volume 11: to 10; Pages:11 to 20;

Pages:21 to 30; Pages:31 to 40;

Pages:41 to 50; Pages:51 to 60;

Pages:61 to 70; Pages:71 to 73

International Journal of Information  
and Communication Technology Education  
Law, Policy and the Internet

Volume 6, issue 4, October-December  
2010

### Free Innovation

Covering everything from signal processing algorithms to integrated circuit design, this complete guide to digital front-end is invaluable for professional engineers and researchers in the fields of signal processing, wireless communication and circuit design. Showing how theory is translated into practical technology, it covers all the relevant standards and gives readers the ideal design methodology to manage a rapidly increasing range of applications. Step-by-step information for designing

practical systems is provided, with a systematic presentation of theory, principles, algorithms, standards and implementation. Design trade-offs are also included, as are practical implementation examples from real-world systems. A broad range of topics is covered, including digital pre-distortion (DPD), digital up-conversion (DUC), digital down-conversion (DDC) and DC-offset calibration. Other important areas discussed are peak-to-average power ratio (PAPR) reduction, crest factor reduction (CFR), pulse-shaping, image rejection, digital mixing, delay/gain/imbalance compensation, error correction, noise-shaping, numerical controlled oscillator (NCO) and various diversity methods.

Using our moral and technical imaginations to create responsible innovations: theory, method, and applications for value sensitive design. Implantable medical devices and human dignity. Private and secure access to information. Engineering projects that transform the Earth. Multigenerational information systems

for international justice. How should designers, engineers, architects, policy makers, and others design such technology? Who should be involved and what values are implicated? In Value Sensitive Design, Batya Friedman and David Hendry describe how both moral and technical imagination can be brought to bear on the design of technology. With value sensitive design, under development for more than two decades, Friedman and Hendry bring together theory, methods, and applications for a design process that engages human values at every stage. After presenting the theoretical foundations of value sensitive design, which lead to a deep rethinking of technical design, Friedman and Hendry explain seventeen methods, including stakeholder analysis, value scenarios, and multilifespan timelines. Following this, experts from ten application domains report on value sensitive design practice. Finally, Friedman and Hendry explore such open questions as the need for deeper investigation of indirect stakeholders and further method development. This definitive

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account of the state of the art in value sensitive design is an essential resource for designers and researchers working in academia and industry, students in design and computer science, and anyone working at the intersection of technology and society. Future technology information technology stands for all of continuously evolving and converging information technologies, including digital convergence, multimedia convergence, intelligent applications, embedded systems, mobile and wireless communications, bio-inspired computing, grid and cloud computing, semantic web, user experience and HCI, security and trust computing and so on, for satisfying our ever-changing needs. In past twenty five years or so, Information Technology (IT) influenced and changed every aspect of our lives and our cultures. These proceedings foster the dissemination of state-of-the-art research in all future IT areas, including their models, services, and novel applications associated with their utilization.

Tomorrow's Lawyers

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International Journal of Information  
Technology Project Management (IJITPM)  
Volume 9

International Journal of Information  
Technology and Knowledge Managment  
An Inclusive Academy

Proceedings of the 3rd International  
Conference on Intelligent Decision  
Technologies (IDT ?2011)

Advances in Computational Science,  
Engineering and Information Technology