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Powerhouse

Turbo boost your effectiveness and start making a serious impact

[John Wiley & Sons](#) **Be a force to be reckoned with. Be a Powerhouse. Are you owning everything in your life? Are you in control, with a plan, making everything you do count? Are you performing optimally and making an impact? If not, why not? It's time to step up and be bold, be effective, be a Powerhouse.** Let Mike Clayton show you how to raise your personal effectiveness to dynamic levels and completely overhaul your life at work and at home. Lock down your purpose then develop the forceful focus of a true achiever. You'll learn how to make solid decisions, stand up for those decisions and garner unwavering support from others. You'll find expert advice for deciding what matters, and practical tips for turning intentions into determined actions so you can achieve what you want. As a powerhouse you'll be able to meet any challenge head on and deal with anything. You'll be performing at your peak and firmly on your way to outstanding success. Define your purpose and boost your focus and performance Make the right choices about how you spend your time Be someone everybody wants to work with to get stuff done Have a clear, strategic approach to your productivity A true powerhouse bursts with energy and purpose, elevating the performance and brightening the outlook of everyone around them. To get there, you need to drill down to the core of your problems, and craft a strategic solution. Powerhouse provides the roadmap, and you just need to begin the journey.

Future Agenda

Six Challenges for the Next Decade

[Profile Books](#) **What challenges does the future hold? In an increasingly interconnected - and increasingly uncertain - world, companies, institutions and governments across the world recognise the vital need to pose this question in order to protect the interests of humanity. Founded in 2009, the Future Agenda explores key issues facing society over the next decade through 120 workshops held in 45 locations around the world, making it the largest open forum of its kind. The Future Agenda: Six Challenges for the Next Decade contains findings from the second Future Agenda initiative, featuring experts from a vast spectrum of industries. With essays falling under the themes of People, Place, Power, Belief, Behaviour and Business, this book is essential reading for all concerned by our collective well-being.**

Internet of Things and Sensors Networks in 5G Wireless Communications

[MDPI](#) **The Internet of Things (IoT) has attracted much attention from society, industry and academia as a promising technology that can enhance day to day activities, and the creation of new business models, products and services, and serve as a broad source of research topics and ideas. A future digital society is envisioned, composed of numerous wireless connected sensors and devices. Driven by huge demand, the massive IoT (mIoT) or massive machine type communication (mMTC) has been identified as one of the three main communication scenarios for 5G. In addition to connectivity, computing and storage and data management are also long-standing issues for low-cost devices and sensors. The book is a collection of outstanding technical research and industrial papers covering new research results, with a wide range of features within the 5G-and-beyond framework. It provides a range of discussions of the major research challenges and achievements within this topic.**

Lee's Essentials of Wirelesss Communications

[McGraw Hill Professional](#) **ON-THE-MONEY GUIDE TO WIRELESS** If you have to navigate the dangerous waters of wireless, do it with a tech-savvy, predictive manual at your side. That's Lee's Essentials of Wireless Communications, written by the top-selling author in telecom, William C.Y. Lee. Smart wireless choices are not always obvious; a good deal of conventional wisdom is wrong. This expert guide helps you understand and compare CDM, SSB, CT-2, GSM, TDMA, IDEN (MIRS), LEO-Globalstar v. Iridium, IMT-2000, PCS, Wireless Local Loop (WLL), Wideband v. Narrowband, Analog Cellular, Digital Cellular, Radio Capacity, AMPS, ESS, Propagation System Strength Prediction, CDPD, UPR, and Two-Way Paging. Here's everything you need for making wireless decisions that work today (and will still work tomorrow) -- from insider data on coming user demands to the tools for writing glitch-free, foresighted technical specs.

Internet of Things, Smart Spaces, and Next Generation Networks and Systems

20th International Conference, NEW2AN 2020, and 13th Conference, ruSMART 2020, St. Petersburg, Russia, August 26–28, 2020, Proceedings, Part II

[Springer Nature](#) **This book constitutes the joint refereed proceedings of the 20th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networks and Systems, NEW2AN 2020, and the 13th Conference on Internet of Things and Smart Spaces, ruSMART 2020. The conference was held virtually due to the COVID-19 pandemic. The 79 revised full papers presented were carefully reviewed and selected from 225 submissions. The papers of NEW2AN address various aspects of next-generation data networks, with special attention to advanced wireless networking and applications. In particular, they deal with novel and innovative approaches to performance and efficiency analysis of 5G and beyond systems, employed game-theoretical formulations, advanced queuing theory, and stochastic geometry, while also covering the Internet of Things, cyber security, optics, signal processing, as well as business aspects. ruSMART 2020, provides a forum for academic and industrial researchers to discuss new ideas and trends in the emerging areas.**

Hacker, Hoaxer, Whistleblower, Spy

The Many Faces of Anonymous

Verso Books Here is the ultimate book on the worldwide movement of hackers, pranksters, and activists that operates under the non-name Anonymous, by the writer the Huffington Post says “knows all of Anonymous’ deepest, darkest secrets.” Half a dozen years ago, anthropologist Gabriella Coleman set out to study the rise of this global phenomenon just as some of its members were turning to political protest and dangerous disruption (before Anonymous shot to fame as a key player in the battles over WikiLeaks, the Arab Spring, and Occupy Wall Street). She ended up becoming so closely connected to Anonymous that the tricky story of her inside-outside status as Anon confidante, interpreter, and erstwhile mouthpiece forms one of the themes of this witty and entirely engrossing book. The narrative brims with details unearthed from within a notoriously mysterious subculture, whose semi-legendary tricksters—such as Topiary, tflow, Anachaos, and Sabu—emerge as complex, diverse, politically and culturally sophisticated people. Propelled by years of chats and encounters with a multitude of hackers, including imprisoned activist Jeremy Hammond and the double agent who helped put him away, Hector Monsegur, Hacker, Hoaxer, Whistleblower, Spy is filled with insights into the meaning of digital activism and little understood facets of culture in the Internet age, including the history of “trolling,” the ethics and metaphysics of hacking, and the origins and manifold meanings of “the lulz.”

Whistleblowing for Change

Exposing Systems of Power and Injustice

transcript Verlag The courageous acts of whistleblowing that inspired the world over the past few years have changed our perception of surveillance and control in today's information society. But what are the wider effects of whistleblowing as an act of dissent on politics, society, and the arts? How does it contribute to new courses of action, digital tools, and contents? This urgent intervention based on the work of Berlin's Disruption Network Lab examines this growing phenomenon, offering interdisciplinary pathways to empower the public by investigating whistleblowing as a developing political practice that has the ability to provoke change from within.

Cellular V2X for Connected Automated Driving

John Wiley & Sons **CELLULAR V2X FOR CONNECTED AUTOMATED DRIVING** A unique examination of cellular communication technologies for connected automated driving, combining expert insights from telecom and automotive industries as well as technical and scientific knowledge from industry and academia Cellular vehicle-to-everything (C-V2X) technologies enable vehicles to communicate both with the network, with each other, and with other road users using reliable, responsive, secure, and high-capacity communication links. Cellular V2X for Connected Automated Driving provides an up-to-date view of the role of C-V2X technologies in connected automated driving (CAD) and connected road user (CRU) services, such as advanced driving support, improved road safety, infotainment, over-the-air software updates, remote driving, and traffic efficiency services enabling the future large-scale transition to self-driving vehicles. This timely book discusses where C-V2X technology is situated within the increasingly interconnected ecosystems of the mobile communications and automotive industries. An expert contributor team from both industry and academia explore potential applications, business models, standardization, spectrum and channel modelling, network enhancements, security and privacy, and more. Broadly divided into two parts—introductory and advanced material—the text first introduces C-V2X technology and introduces a variety of use cases and opportunities, requiring no prerequisite technical knowledge. The second part of the book assumes a basic understanding of the field of telecommunications, presenting technical descriptions of the radio, system aspects, and network design for the previously discussed applications. This up-to-date resource: Provides technical details from the finding of the European Commission H2020 5G PPP 5GCAR project, a collaborative research initiative between the telecommunications and automotive industries and academic researchers Elaborates on use cases, business models, and a technology roadmap for those seeking to shape a start-up in the area of automated and autonomous driving Provides up to date descriptions of standard specifications, standardization and industry organizations and important regulatory aspects for connected vehicles Provides technical insights and solutions for the air interface, network architecture, positioning and security to support vehicles at different automation levels Includes detailed tables, plots, and equations to clarify concepts, accompanied by online tutorial slides for use in teaching and seminars Thanks to its mix of introductory content and technical information, Cellular V2X for Connected Automated Driving is a must-have for industry and academic researchers, telecom and automotive industry practitioners, leaders, policymakers, and regulators, and university-level instructors and students.

An Introduction to LTE

LTE, LTE-Advanced, SAE, VoLTE and 4G Mobile Communications

John Wiley & Sons Following on from the successful first edition (March 2012), this book gives a clear explanation of what LTE does and how it works. The content is expressed at a systems level, offering readers the opportunity to grasp the key factors that make LTE the hot topic amongst vendors and operators across the globe. The book assumes no more than a basic knowledge of mobile telecommunication systems, and the reader is not expected to have any previous knowledge of the complex mathematical operations that underpin LTE. This second edition introduces new material for the current state of the industry, such as the new features of LTE in Releases 11 and 12, notably coordinated multipoint transmission and proximity services; the main short- and long-term solutions for LTE voice calls, namely circuit switched fallback and the IP multimedia subsystem; and the evolution and current state of the LTE market. It also extends some of the material from the first edition, such as inter-operation with other technologies such as GSM, UMTS, wireless local area networks and cdma2000; additional features of LTE Advanced, notably heterogeneous networks and traffic offloading; data transport in the evolved packet core; coverage and capacity estimation for LTE; and a more rigorous treatment of modulation, demodulation and OFDMA. The author breaks down the system into logical blocks, by initially introducing the architecture of LTE, explaining the techniques used for radio transmission and reception and the overall operation of the system, and concluding with more specialized topics such as LTE voice calls and the later releases of the specifications. This methodical approach enables readers to move on to tackle the specifications and the more advanced texts with confidence.

Multimedia over IP and Wireless Networks

Compression, Networking, and Systems

Elsevier **Multimedia over IP and Wireless Networks** is an indispensable guide for professionals or researchers working in areas such as networking, communications, data compression, multimedia processing, streaming architectures, and computer graphics. Beginning with a concise overview of the fundamental principles and challenges of multimedia communication and networking, this book then branches off organically to tackle compression and networking next before moving on to systems, wireless multimedia and more advanced topics. The Compression section advises on the best means and methodology to ensure multimedia signal (images, text, audio and data) integrity for transmissions on wireless and wired systems. The Networking section addresses channel protection and performance. In the Systems section, the focus is on streaming media on demand, live broadcast and video and voice's role in real-time communication. Wireless multimedia transmission and Quality of Service issues are discussed in the Wireless Multimedia section. An Advanced Topics section concludes the book with an assortment of topics including Peer-to-Peer multimedia communication and multipath networks. Up-to-date coverage of existing standards for multimedia networking Synergistic tutorial approach reinforces

knowledge gained in previous chapters Balanced treatment of audio and video with coverage of end-to-end systems

Smart Grid Handbook, 3 Volume Set

[John Wiley & Sons](#) Comprehensive, cross-disciplinary coverage of Smart Grid issues from global expert researchers and practitioners. This definitive reference meets the need for a large scale, high quality work reference in Smart Grid engineering which is pivotal in the development of a low-carbon energy infrastructure. Including a total of 83 articles across 3 volumes The Smart Grid Handbook is organized in to 6 sections: Vision and Drivers, Transmission, Distribution, Smart Meters and Customers, Information and Communications Technology, and Socio-Economic Issues. Key features: Written by a team representing smart grid R&D, technology deployment, standards, industry practice, and socio-economic aspects. Vision and Drivers covers the vision, definitions, evolution, and global development of the smart grid as well as new technologies and standards. The Transmission section discusses industry practice, operational experience, standards, cyber security, and grid codes. The Distribution section introduces distribution systems and the system configurations in different countries and different load areas served by the grid. The Smart Meters and Customers section assesses how smart meters enable the customers to interact with the power grid. Socio-economic issues and information and communications technology requirements are covered in dedicated articles. The Smart Grid Handbook will meet the need for a high quality reference work to support advanced study and research in the field of electrical power generation, transmission and distribution. It will be an essential reference for regulators and government officials, testing laboratories and certification organizations, and engineers and researchers in Smart Grid-related industries.

Architectural Transformations in Network Services and Distributed Systems

[Springer](#) With the given work we decided to help not only the readers but ourselves, as the professionals who actively involved in the networking branch, with understanding the trends that have developed in recent two decades in distributed systems and networks. Important architecture transformations of distributed systems have been examined. The examples of new architectural solutions are discussed.

Never Go Broke

How to make money out of just about anything

[Hachette UK](#) How can you make money TODAY? How can you generate real cash this week? Never Go Broke isn't about stocks, shares and investment for the comfortable - it's a real-time lifeline for side-hustlers, downsizers, work-from-homers, the overstretched and anyone who needs to generate some extra cash right now but doesn't know how. This guide will show readers practical applications to make money right now and grow that money to either reinvest, repurpose, or help circumnavigate financial difficulties. Full of tips, tricks, advice and practical strategies you can use to make money by selling the everyday items all around you - nothing could be more useful in today's tricky economic reality. CONTENTS PART I: BUILD A RESALE POT FROM NOTHING Lesson 1: Selling items in your home right now Lesson 2: Carpe laziness - make money from people's apathy Lesson 3: Recycle the world - cash for trash Lesson 4: Simple ways to scoop 'free' cash online Lesson 5: Sell yourself! Make money from your talents PART II: LEARN YOUR RESALE BLUEPRINT Lesson 6: Starting from scratch - everything has value Lesson 7: Resale traps to avoid and tips for success Lesson 8: How to value your precious time Lesson 9: Contacts and marketing are key Lesson 10: Spotting trends and recognising patterns PART III: PRACTICAL PLACES TO BAG PROFITS Lesson 11: Car boot sales and swap meets - be first (or last) Lesson 12: Charity shops and thrift stores - get stuck in! Lesson 13: Antique centres, retro and vintage stores - knowledge is power Lesson 14: Estate and garage sales - untapped treasure Lesson 15: Specialty auctions - from lost luggage to coin craziness Lesson 16: The internet - the good, the bad and the ugly

Principles of Marketing

An introduction to marketing concepts, strategies and practices with a balance of depth of coverage and ease of learning. Principles of Marketing keeps pace with a rapidly changing field, focussing on the ways brands create and capture consumer value. Practical content and linkage are at the heart of this edition. Real local and international examples bring ideas to life and new feature 'linking the concepts' helps students test and consolidate understanding as they go. The latest edition enhances understanding with a unique learning design including revised, integrative concept maps at the start of each chapter, end-of-chapter features summarising ideas and themes, a mix of mini and major case studies to illuminate concepts, and critical thinking exercises for applying skills.

Fundamentals of 5G Mobile Networks

[John Wiley & Sons](#) Fundamentals of 5G Mobile Networks provides an overview of the key features of the 5th Generation (5G) mobile networks, discussing the motivation for 5G and the main challenges in developing this new technology. This book provides an insight into the key areas of research that will define this new system technology paving the path towards future research and development. The book is multi-disciplinary in nature, and aims to cover a whole host of intertwined subjects that will predominantly influence the 5G landscape, including Future Internet, cloud computing, small cells and self-organizing networks (SONs), cooperative communications, dynamic spectrum management and cognitive radio, Broadcast-Broadband convergence, 5G security challenge, and green RF. The book aims to be the first of its kind towards painting a holistic perspective on 5G Mobile, allowing 5G stakeholders to capture key technology trends on different layering domains and to identify potential inter-disciplinary design aspects that need to be solved in order to deliver a 5G Mobile system that operates seamlessly as a piece of the 5G networking jigsaw. Key features: • Addresses the fundamentals of 5G mobile networks serving as a useful study guide for mobile researchers and system engineers aiming to position their research in this fast evolving arena. • Develops the Small cells story together with next generation SON (self-organizing networks) systems as solutions for addressing the unprecedented traffic demand and variations across cells. • Elaborates Mobile Cloud technology and Services for future communication platforms, acting as a source of inspiration for corporations looking for new business models to harness the 5G wave. • Discusses the open issues facing broad scale commercial deployment of white space networks, including the potential for applications towards the future 5G standard. • Provides a scientific assessment for broadcast and mobile broadband convergence coupled together with a 'win-win' convergence solution to harmonize the broadcasting and mobile industry. • Describes the key components, trends and challenges, as well as the system requirements for 5G transceivers to support multi-standard radio, a source of inspiration for RF engineers and vendors to tie down the requirements and potential solutions for next generation handsets.

LTE - The UMTS Long Term Evolution

From Theory to Practice

[John Wiley & Sons](#) "Where this book is exceptional is that the reader will not just learn how LTE works but why it works" Adrian Scrase, ETSI Vice-President, International Partnership Projects Following on the success of the first edition, this book is fully updated, covering the latest additions to LTE and the key features of LTE-Advanced. This book builds on the success of its predecessor, offering the same comprehensive system-level understanding built on explanations of the underlying theory, now expanded to include complete coverage of Release 9 and the developing specifications for LTE-Advanced. The book is a collaborative effort of more than 40 key experts representing over 20 companies actively participating in the development of LTE, as well as academia. The book highlights practical implications, illustrates the expected performance, and draws comparisons with the well-known WCDMA/HSPA standards. The authors not only pay special attention to the physical layer, giving an insight into the fundamental concepts of OFDMA-FDMA and MIMO, but also cover the higher protocol layers and system architecture to enable the reader to gain an overall understanding of the system. Key New Features: Comprehensively updated with the latest changes of the LTE Release 8 specifications, including improved coverage of Radio Resource Management RF aspects and performance requirements Provides detailed coverage of the new LTE Release 9 features, including: eMBMS, dual-layer beamforming, user equipment positioning, home eNodeBs / femtocells and pico cells and

self-optimizing networks Evaluates the LTE system performance Introduces LTE-Advanced, explaining its context and motivation, as well as the key new features including: carrier aggregation, relaying, high-order MIMO, and Cooperative Multi-Point transmission (CoMP). Includes an accompanying website containing a complete list of acronyms related to LTE and LTE-Advanced, with a brief description of each (http://www.wiley.com/go/sesia_theumts) This book is an invaluable reference for all research and development engineers involved in implementation of LTE or LTE-Advanced, as well as graduate and PhD students in wireless communications. Network operators, service providers and R&D managers will also find this book insightful.

Market-Led Strategic Change

Routledge The third edition of *Market-Led Strategic Change* builds on the massive success of the previous two editions, popular with lecturers and students alike, presenting an innovative approach to solving an old problem: making marketing happen! In his witty and direct style, Nigel Piercy has radically updated this seminal text, popular with managers, students, and lecturers alike, to take into account the most recent developments in the field. With a central focus on customer value and creative strategic thinking, he fully evaluates the impact of electronic business on marketing and sales strategy, and stresses the goal of totally integrated marketing to deliver superior customer value. "Reality Checks" throughout the text challenge the reader to be realistic and pragmatic. The book confronts the critical issues now faced in strategic marketing: · escalating customer demands driving the imperative for superior value · totally integrated marketing to deliver customer value · the profound impact of electronic business on customer relationships · managing processes like planning and budgeting to achieve effective implementation At once pragmatic, cutting-edge and thought-provoking, *Market-Led Strategic Change* is essential reading for all managers, students and lecturers seeking a definitive guide to the demands and challenges of strategic marketing in the 21st century.

Mobile Broadband

Including WiMAX and LTE

Springer Science & Business Media This book addresses the emerging technology for Orthogonal Frequency Division Multiple Access (OFDMA), covering OFDMA physical layer as well as network technology. The book also includes information on IEEE 802.16e and WiMAX networks and also offers a comparison with other OFDMA technologies. OFDMA is the fastest growing area in the wireless marketplace, and the backbone of systems used in WiMAX. WiMAX is the technology that enables wireless users to communicate at any time from any location without having to find a WiFi hotspot.

Autocar & Motor

High-Risk-Projekte

Quantensprünge in der Entwicklung erfolgreich managen

Springer-Verlag Die erfolgreiche Planung und Realisation von High-Risk-Projekten erfordert heute mehr als klassisches Projektmanagement. Die Autoren analysieren praxisbezogen das moderne Projektmanagement mit dem Schwerpunkt auf Steuerung und Abwicklung von hochdynamischen, interdisziplinären Innovations- und Technologievorhaben. Die Analyse zeigt den Weg zu flexiblen, anpassungsfähigen Organisationen und klaren Prozessen nach dem Motto: Zelte statt Paläste.

Tactile Internet

with Human-in-the-Loop

Academic Press *Tactile Internet with Human-in-the-Loop* describes the change from the current Internet, which focuses on the democratization of information independent of location or time, to the Tactile Internet, which democratizes skills to promote equity that is independent of age, gender, sociocultural background or physical limitations. The book promotes the concept of the Tactile Internet for remote closed-loop human-machine interaction and describes the main challenges and key technologies. Current standardization activities in the field for IEEE and IETF are also described, making this book an ideal resource for researchers, graduate students, and industry R&D engineers in communications engineering, electronic engineering, and computer engineering. Provides a comprehensive reference that addresses all aspects of the Tactile Internet - technologies, engineering challenges, use cases and standards Written by leading researchers in the field Presents current standardizations surrounding the IETF and the IEEE Contains use cases that illustrate practical applications

IP for 3G

Networking Technologies for Mobile Communications

John Wiley & Sons What is an 'all-IP' network? What difference will IP networking make to 3G services? Third Generation (3G) mobile offers access to broadband multimedia services - and in the future most of these, even voice and video, will be IP-based. However 3G networks are not based on IP technologies, rather they are an evolution from existing 2G networks. Much work needs to be done to IP QoS and mobility protocols and architectures for them to be able to provide the functionality 3G requires. IP for 3G gives a comprehensive overview of 3G networking functionality and examines how IP protocols can be developed to provide some of the basic building blocks of a mobile system (mobility, QoS and call control) Features: * Clear explanation of how 3G works at the network level. * Review of IP protocol and architectural principles. * Extensive review, classification and analysis of IP mobility protocols - macro and micro- including IPv6. * Analysis of IP QoS protocols and proposed solutions for mobile networks. * Tutorial on SIP (Session Initiation Protocol) and how SIP can be used for multimedia session control. * Description of latest UMTS developments - including Release 5. * Discussion of 4G networks - what does 4G mean? IP for 3G will appeal to mobile telecommunications and network engineers who want to know about future developments as well as system designers and developers. Students and academics on postgraduate courses related to telecommunications, especially 3G networking or IP protocols, will find this text ideal supplementary reading, only assuming a general knowledge of GSM and general networking principles.

OECD Transfer Pricing Guidelines for Multinational Enterprises and Tax Administrations 2022

[OECD Publishing](#) In a global economy where multinational enterprises (MNEs) play a prominent role, governments need to ensure that the taxable profits of MNEs are not artificially shifted out of their jurisdiction and that the tax base reported by MNEs in their country reflects the economic activity undertaken therein. For taxpayers, it is essential to limit the risks of economic double taxation.

AWS for System Administrators

Build, automate, and manage your infrastructure on the most popular cloud platform – AWS

[Packt Publishing Ltd](#) Take your AWS SysOps skills to the next level by learning infrastructure automation techniques using CloudFormation, Terraform, and Boto3 Key FeaturesExplore AWS automation using CloudFormation, Terraform, and Boto3Leverage AWS to make your infrastructure flexible and highly availableDiscover various AWS features for building a secure and reliable environment to host your applicationBook Description Amazon Web Services (AWS) is one of the most popular and efficient cloud platforms for administering and deploying your applications to make them resilient and robust. AWS for System Administrators will help you to learn several advanced cloud administration concepts for deploying, managing, and operating highly available systems on AWS. Starting with the fundamentals of identity and access management (IAM) for securing your environment, this book will gradually take you through AWS networking and monitoring tools. As you make your way through the chapters, you'll get to grips with VPC, EC2, load balancer, Auto Scaling, RDS database, and data management. The book will also show you how to initiate AWS automated backups and store and keep track of log files. Later, you'll work with AWS APIs and understand how to use them along with CloudFormation, Python Boto3 Script, and Terraform to automate infrastructure. By the end of this AWS book, you'll be ready to build your two-tier startup with all the necessary infrastructure, monitoring, and logging components in place. What you will learnAdopt a security-first approach by giving users minimum access using IAM policiesBuild your first Amazon Elastic Compute Cloud (EC2) instance using the AWS CLI, Boto3, and TerraformSet up your datacenter in AWS Cloud using VPCScale your application based on demand using Auto ScalingMonitor services using CloudWatch and SNSWork with centralized logs for analysis (CloudWatch Logs)Back up your data using Amazon Simple Storage Service (Amazon S3), Data Lifecycle Manager, and AWS BackupWho this book is for This Amazon Web Services book is for system administrators and solution architects who want to build highly available and flexible AWS Cloud platforms for their applications. Software engineers and programmers looking to deploy their applications to AWS Cloud will also find this book useful. Basic knowledge of Linux and AWS is necessary to get started.

New Mega Trends

Implications for our Future Lives

[Springer](#) YOUR GUIDE TO A FULFILLING BUSINESS AND PERSONAL FUTURE Based on research by one of the world's largest growth-consulting companies, New Mega Trends identifies the ten most important global trends that will define our future, including business models, smart technology, connectivity and convergence and radical social trends. New Mega Trends will give you the tools to not only identify and evaluate these game-changing trends, but also help you to translate them into market opportunities for your everyday business and personal life. How will we travel to work in the cities of the future? Will Zero be the new big thing? How will we stay connected in the Mega Trends World? Will our Wellness and Well-Being top business agenda? If you are a leader with a corporate vision, or a strategic planner within your organization, or just plain curious about your future, New Mega Trends will provide you with stimulating stories, startling facts and thought-provoking case studies that will not only inform your future but entertain you today.

E-business and E-commerce Management

Strategy, Implementation and Practice

[Pearson Education](#) Aimed at students, this work covers various aspects of e-business - focusing on sales and marketing, as well as detailing procurement, supply chains, and the legal and security considerations. It contains a range of features to help you learn effectively including margin definitions, international case studies, activities and web links.

5G and Beyond

Fundamentals and Standards

[Springer Nature](#) This book provides an accessible and comprehensive tutorial on the key enabling technologies for 5G and beyond, covering both the fundamentals and the state-of-the-art 5G standards. The book begins with a historical overview of the evolution of cellular technologies and addresses the questions on why 5G and what is 5G. Following this, six tutorial chapters describe the fundamental technology components for 5G and beyond. These include modern advancements in channel coding, multiple access, massive multiple-input and multiple-output (MIMO), network densification, unmanned aerial vehicle enabled cellular networks, and 6G wireless systems. The second part of this book consists of five chapters that introduce the basics of 5G New Radio (NR) standards developed by 3GPP. These include 5G architecture, protocols, and physical layer aspects. The third part of this book provides an overview of the key 5G NR evolution directions. These directions include ultra-reliable low-latency communication (URLLC) enhancements, operation in unlicensed spectrum, positioning, integrated access and backhaul, air-to-ground communication, and non-terrestrial networks with satellite communication.

Continuous Delivery

Reliable Software Releases through Build, Test, and Deployment Automation (Adobe Reader)

[Pearson Education](#) Winner of the 2011 Jolt Excellence Award! Getting software released to users is often a painful, risky, and time-consuming process. This groundbreaking new book sets out the principles and technical practices that enable rapid, incremental delivery of high quality, valuable new functionality to users. Through automation of the build, deployment, and testing process, and improved collaboration between developers, testers, and operations, delivery teams can get changes released in a matter of hours— sometimes even minutes—no matter what the size of a project or the complexity of its code base. Jez Humble and David Farley begin by presenting the foundations of a rapid, reliable, low-risk delivery process. Next, they introduce the “deployment pipeline,” an automated process for managing all changes, from check-in to release. Finally, they discuss the “ecosystem” needed to support continuous delivery, from infrastructure, data and configuration management to governance. The authors introduce state-of-the-art techniques, including

automated infrastructure management and data migration, and the use of virtualization. For each, they review key issues, identify best practices, and demonstrate how to mitigate risks. Coverage includes • Automating all facets of building, integrating, testing, and deploying software • Implementing deployment pipelines at team and organizational levels • Improving collaboration between developers, testers, and operations • Developing features incrementally on large and distributed teams • Implementing an effective configuration management strategy • Automating acceptance testing, from analysis to implementation • Testing capacity and other non-functional requirements • Implementing continuous deployment and zero-downtime releases • Managing infrastructure, data, components and dependencies • Navigating risk management, compliance, and auditing Whether you're a developer, systems administrator, tester, or manager, this book will help your organization move from idea to release faster than ever—so you can deliver value to your business rapidly and reliably.

Wireless Sensor Networks

First European Workshop, EWSN 2004, Berlin, Germany, January 19-21, 2004, Proceedings

[Springer](#) With great pleasure we welcomed the attendees to EWSN 2004, the 1st European Workshop on Wireless Sensor Networks, held in the exciting and lively city of Berlin. Wireless sensor networks are a key technology for new ways of interaction between computers and the physical environment which surrounds us. Compared to traditional networking technologies, wireless sensor networks are faced with a rather unique mix of challenges: scalability, energy efficiency, self-configuration, constrained computation and memory resources in individual nodes, data-centricity, and interaction with the physical environment, to name but a few. The goal of this workshop is to create a forum for presenting new results in the flourishing field of wireless sensor networks. By bringing together academia and industry we hope to stimulate new opportunities for collaborations. In compiling the scientific program we have been quite selective. Thanks to the efforts of 90 reviewers who delivered 252 reviews for the 76 papers originally submitted from all over the world, a strong selection of the 24 best contributions was made possible. The Technical Program Committee created an outstanding program covering the broad scope of this highly interdisciplinary field: from distributed signal processing through networking and middleware issues to application experience. Running such a workshop requires dedication and much work from many people. We want to thank in particular Petra Hutt, Irene Ostertag and Heike Klemz for their valuable and esteemed help in the local organization of this workshop. We hope that you enjoy this volume, and if you were lucky enough to attend we hope that you enjoyed the discussions with colleagues working in this fascinating area.

Muhammad the Merciful

[Minhaj-ul-Quran Publications](#) The Prophet Muhammad (peace be upon him) is the focus of love and devotion for one fifth of humanity. Even outsiders cannot deny his political genius and great statesmanship as the founder of a new world order and the stimulus for a succession of brilliant and progressive civilisations. But a study of his life in these terms overlooks arguably his most essential qualities - his mercy and benevolence. Internationally renowned Islamic scholar, Dr Muhammad Tahir-ul-Qadri has produced a work unrivalled in its comprehensive treatment of the subject matter, illustrating the merciful character of the Prophet (S) in all its aspects, towards humans and more generally towards all beings. Dr Tahir-ul-Qadri has reproduced a solid corpus of references from the Qur'an, along with reliable Hadith, specially selected for authenticity and relevance. All sources are meticulously referenced in Dr Tahir-ul-Qadri's characteristic style. This book shows how in spite of immense hardships and painful ordeals, the mercy and compassion of the Prophet (S) remained to the fore, even towards those who opposed and persecuted him. For Muslims, this book will be a means to celebrate the magnanimous personality of the Prophet (s) and an incentive to instil the great qualities of the Prophet (s) in their own lives, while non-Muslims and academics will discover how these qualities as described in the Islamic literature have caused the Prophet (S) to occupy his preeminent position in the religious consciousness of Muslims.

Future Access Enablers for Ubiquitous and Intelligent Infrastructures

4th EAI International Conference, FABULOUS 2019, Sofia, Bulgaria, March 28-29, 2019, Proceedings

This book constitutes the refereed post-conference proceedings of the Fourth International Conference on Future Access Enablers for Ubiquitous and Intelligent Infrastructures, FABULOUS 2019, held in Sofia, Bulgaria, in March 2019. This year's conference topic covers Globalization through Advanced Digital Technologies - as the digitalization in all spheres of life has an impressive influence on communication and daily life in general. The 39 revised full papers were carefully reviewed and selected from 54 submissions. The main topics deal with: healthcare/wellness applications; IoT and sensor networks; IoT security in the digital transformation era; wireless communications and networks; virtual engineering and simulations.

Friction Is Fiction: the Future of Content, Media and Business (Black and White Edition)

[Lulu.com](#) Futurist and Thought-Leader Gerd Leonhard (www.mediafuturist.com) shares his thoughts on the Future of Content, Media and Business. 'Friction is Fiction' presents a constantly updated compilation of Gerd's best essays, writings and most popular blog posts. The central meme is that the Internet has completely disrupted the traditional notion of generating higher income by simply taking advantage of possible friction points and hurdles within transactions or business processes, i.e. by controlling the 'people formerly known as consumers'. The Future is all about winning the trust, and turning attention into revenues. This is the low-cost, black & white version of the book - if you want the full-color version please go to <http://gerd.fm/cmrfB1>

Lewis Hamilton: My Story

[HarperCollins UK](#) Lewis Hamilton's explosive arrival on the Formula 1 scene has made front-page headlines. In My Story, for the first time Lewis opens up about his stunning debut season, including the gripping climax to the 2007 F1 World Championship, as well as his dad Anthony, his home life and his early years. The only book with the real story, as told by Lewis.

Breakthrough

The Promise of Frontier Technologies for Sustainable Development

[Brookings Institution Press](#) Harnessing technology for a better future Looking into the future is always difficult and often problematic—but sometimes it's useful to imagine what innovations might resolve today's problems and make tomorrow better. In this book, 15 distinguished international experts examine how technology will affect the human condition and natural world within the next ten years. Their stories reflect major ambitions for what the future could bring and offer a glimpse into the possibilities for achieving the UN's ambitious Sustainable Development Goals. The authors were asked to envision future success in their respective fields, given the current state of technology and potential progress over the next decade. The central question driving their research: What are likely technological advances that could contribute to the Sustainable Development Goals at major scale, affecting the lives of hundreds of millions of people or substantial geographies around the globe. One overall takeaway is that gradualist approaches will not achieve those goals by 2030. Breakthroughs will be necessary in science, in the development of new products and services, and in institutional systems. Each of the experts responded with stories that reflect big ambitions for what the future may bring. Their stories are not projections or forecasts as to what will happen; they are reasoned and reasonable conjectures about what could happen. The editors' intent is to provide a glimpse into the possibilities for the future of sustainable development. At a time when many people worry about stalled progress on the economic, social, and environmental challenges of sustainable development, Breakthrough is a reminder that the promise of a better future is within our grasp, across a range of domains. It will interest anyone who wonders about the world's

economic, social, and environmental future.

WCDMA for UMTS

Radio Access for Third Generation Mobile Communications

[John Wiley & Sons](#) Highly regarded as the book on the air interface of 3G cellular systems WCDMA for UMTS has again been fully revised and updated. The third edition now covers the key features of 3GPP Release 6 ensuring it remains the leading principal resource in this constantly progressing area. By providing a deep understanding of the WCDMA air interface, the practical approach of this third edition will continue to appeal to operators, network and terminal manufacturers, service providers, university students and frequency regulators. Explains the key parts of the 3GPP/WCDMA standard Presents network dimensioning, coverage and capacity of WCDMA Introduces TDD and discusses its differences from FDD Key third edition updates include: Covers the main 3GPP Release 6 updates Further enhances High Speed Downlink Packet Access (HSDPA) chapter with a number of new simulation results Explains High Speed Uplink Packet Access (HSUPA) study item Introduces the new services including their performance analysis : Push-to-Talk over Cellular (PoC), streaming, See What I See (SWIS) and multiplayer games Presents a number of new WCDMA field measurement results: capacity, end-to-end performance and handovers Includes completely updated antenna beamforming and multiuser detection sections featuring new simulation results Introduces TD-SCDMA and compares it to Release TDD

The Autocar

A Journal Published in the Interests of the Mechanically Propelled Road Carriage

The Easy Way to Stop Smoking

[Barnes & Noble Publishing](#) Presents the Easyway method for quitting smoking, based on a factual understanding of the harm of cigarette addiction and practical advice on how to successfully break the habit.

3G Evolution

HSPA and LTE for Mobile Broadband

[Elsevier](#) This very up-to-date and practical book, written by engineers working closely in 3GPP, gives insight into the newest technologies and standards adopted by 3GPP, with detailed explanations of the specific solutions chosen and their implementation in HSPA and LTE. The key technologies presented include multi-carrier transmission, advanced single-carrier transmission, advanced receivers, OFDM, MIMO and adaptive antenna solutions, advanced radio resource management and protocols, and different radio network architectures. Their role and use in the context of mobile broadband access in general is explained. Both a high-level overview and more detailed step-by-step explanations of HSPA and LTE implementation are given. An overview of other related systems such as TD SCDMA, CDMA2000, and WIMAX is also provided. This is a 'must-have' resource for engineers and other professionals working with cellular or wireless broadband technologies who need to know how to utilize the new technology to stay ahead of the competition. The authors of the book all work at Ericsson Research and are deeply involved in 3G development and standardisation since the early days of 3G research. They are leading experts in the field and are today still actively contributing to the standardisation of both HSPA and LTE within 3GPP. * Gives the first explanation of the radio access technologies and key international standards for moving to the next stage of 3G evolution: fully operational mobile broadband * Describes the new technologies selected by the 3GPP to realise High Speed Packet Access (HSPA) and Long Term Evolution (LTE) for mobile broadband * Gives both higher-level overviews and detailed explanations of HSPA and LTE as specified by 3GPP

Wirtschaftswoche

The Midlife Cyclist

The Road Map for the +40 Rider Who Wants to Train Hard, Ride Fast and Stay Healthy

[Bloomsbury Publishing](#) 'I am blown away by the level of detail Phil Cavell brings to his work.' Elinor Barker MBE, multiple world champion and Olympic gold medallist 'Phil is eminently qualified to write the Midlife Cyclist. Well, he is certainly old enough.' Fabian Cancellara, Tour de France rider and two-time Olympic champion 'An amazing accomplishment... a simple-to-understand précis of your midlife as a cyclist - you won't want to put it down.' Phil Liggett, TV cycling commentator 'I'm determined to grow old gracefully in lycra, and Phil Cavell has been helping me to do it successfully for years.' Gary Kemp Renowned cycling biomechanics pioneer, Phil Cavell, explores the growing trend of middle-aged and older cyclists seeking to achieve high-level performance. Using contributions from leading coaches, ex-professionals and pro-team doctors, he produces the ultimate manifesto for mature riders who want to stay healthy, avoid injury - and maximise their achievement levels. Time's arrow traditionally plots an incremental path into declining strength and speed for all of us. But we are different to every other generation of cyclists in human history. An ever-growing number of us are determined to scale the highest peaks of elite physical fitness into middle-age and beyond. Can the emerging medical and scientific research help us achieve the holy triumvirate of speed and health with age? The Midlife Cyclist offers a gold standard road-map for the mature cyclist who aims to train, perform and even race at the highest possible level.