

# Business Innovation Through Blockchain The B Perspective

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**Digital Technologies and Applications** - Saad Motahhir 2021-06-26

This book gathers selected research papers presented at the First International Conference on Digital Technologies and Applications (ICDTA 21), held at Sidi Mohamed Ben Abdellah University, Fez, Morocco, on 29-30 January 2021. highlighting the latest innovations in digital technologies as: artificial intelligence, Internet of things, embedded systems, network technology, information processing, and their applications in several areas such as hybrid vehicles, renewable energy, robotic, and COVID-19. The respective papers encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.

**Digital Technologies and the Law of**

**Obligations** - Zvonimir Slakoper 2021-09-30

Digital Technologies and the Law of Obligations critically examines the emergence of new digital technologies and the challenges they pose to the traditional law of obligations, and discusses the extent to which existing contract and tort law rules and doctrines are equipped to meet these new challenges. This book covers various contract and tort law issues raised by emerging technologies - including distributed ledger technology, blockchain-based smart contracts, and artificial intelligence - as well as by the evolution of the internet into a participative web fuelled by user-generated content, and by the rise of the modern-day collaborative economy facilitated by digital technologies. Chapters address these topics from the perspective of

both the common law and the civil law tradition.

While mostly focused on the current state of affairs and recent debates and initiatives within the European Union regulatory framework, contributors also discuss the central themes from the perspective of the national law of obligations, examining the adaptability of existing legal doctrines to contemporary challenges, addressing the occasional legislative attempts to deal with the private law aspects of these challenges, and pointing to issues where legislative interventions would be most welcomed. Case studies are drawn from the United States, Singapore, and other parts of the common law world. Digital Technologies and the Law of Obligations will be of interest to legal scholars and researchers in the fields of contract law, tort law, and digital law, as well as to legal practitioners and members of law reform bodies.

*Management in the Age of Digital Business*

*Complexity* - Bill McKelvey 2021-09-08

Management in the Age of Digital Business Complexity focuses on how the digital age is changing management and vastly speeding up complexity dynamics. The recent coevolution of technologies has dramatically changed in just a few years how people and firms learn, communicate, and behave. Consequently, the process of how firms coevolve and the speed at which they coevolve has been dramatically changed in the digital age, and managerial methods are lagging way behind. Combining his own expertise with that of a number of specialist and international co-authors, McKelvey conveys

how companies that fall behind digitally can quickly be driven out of business. The book has been created for academics seeking to upgrade management thinking into the modern digital age and vastly improve the change capabilities of firms facing digital-oriented competition.

**Global Competitiveness** - William Philip Wall  
2022-01-03

This book discusses the aspects of global competition in terms of the strategies that could be applied to improve the competitive position of businesses and consolidate gains particularly in the Thai market. The book is composed of 10 chapters focusing on topics related to business strategy, such as competition, marketing, innovation, utilizing information, technology, human resources, strategic alliances, customer service, implementation, monitoring and evaluation of strategies, and corporate social responsibility. This book will serve as a useful guide for those already in business in Thailand as well as for businesses that hope to expand their existing operations in Thailand to the global market.

**Blockchain** - Harvard Business Review 2019  
Can blockchain solve your biggest business problem? While news outlets are transfixed with Bitcoin's latest swings, your most forward-looking competitors are tuning out the noise and quietly making key bets on blockchain. They're effortlessly tracking every last link in their supply chains. They're making bureaucratic paper trails obsolete while keeping their customers' data safer. And they're imagining new ways to use this next foundational technology to sustain their competitive advantage. What should you be doing right now to ensure that your business is poised for success? These articles by blockchain experts and consultants will help you understand today's most essential thinking on what blockchain is capable of now, how to adopt it in your organization, and how the technology is likely to be used in the near future and beyond.

Blockchain: The Insights You Need from Harvard Business Review will help you spearhead important conversations, get going on the right blockchain initiatives in your company, and capitalize on the opportunity of the coming blockchain wave. Catch up on current topics and deepen your understanding of them with the

Insights You Need series from Harvard Business Review. Featuring some of HBR's best and most recent thinking, Insights You Need titles are both a primer on today's most pressing issues and an extension of the conversation, with interesting research, interviews, case studies, and practical ideas to help you explore how a particular issue will impact your company and what it will mean for you and your business.

TECHNOLOGIES, ARTIFICIAL INTELLIGENCE AND THE FUTURE OF LEARNING POST-COVID-19 - Allam Hamdan 2022

This book aims to assess the experience of education during COVID-19 pandemic and explore the future of application of technologies and artificial intelligence in education.

Education delivery requires the support of new technologies such as artificial intelligence (AI), the Internet of Things (IoT), big data, and machine learning to fight and aspire to new diseases. The academic community and those interested in education agree that education after the corona pandemic will not be the same as before. The book also questions the role of accreditation bodies (e.g., AACSB, etc.) to ensure the effectiveness and efficiency of technology tools in achieving distinguished education in times of crisis.

Disruptive Technology and Digital Transformation for Business and Government - Sandhu, Kamaljeet 2021-05-07

With the far-reaching global impact of the COVID-19 pandemic, the demand and the necessity for digital enterprise transformation have accelerated exponentially. Management and strategies for the adoption and wider usage of newer digital technologies for the transformation of an enterprise through digital tools such as real-time video communications have shown that people no longer need to be required to be physically present in the same place; rather, they can be geographically dispersed. Technologies such as artificial intelligence, cloud computing, digital banking, and cloud data have taken over tasks that were initially done by human hands and have increased both the automation and efficiency of tasks and the accessibility of information and services. Inclusion of all these newer technologies has shown the fast pace at which the digital enterprise transformation is rapidly

evolving and how new ecosystems are reshaping the digital enterprise model. Disruptive Technology and Digital Transformation for Business and Government presents interesting research on digital enterprise transformation at different stages and across different settings within government and industry, along with key issues and deeper insights on the core problems and developing solutions and recommendations for digital enterprise transformation. The chapters examine the three core leaders of transformation: the people such as managers, employees, and customers; the digital technology such as artificial intelligence and robotics; and the digital enterprise, including the products and services being transformed. They unravel the underlying process for management and strategies to fully incorporate new digital tools and technologies across all aspects of an enterprise undergoing transformation. This book is ideally intended for managers, executives, IT consultants, business professionals, government officials, researchers, students, practitioners, stakeholders, academicians, and anyone else looking to learn about new developments in digital enterprise transformation of business systems from a global perspective.

### **Blockchain and Distributed Ledger**

**Technology Use Cases** - Horst Treiblmaier  
2020-06-05

Blockchain and other trustless systems have gone from being relatively obscure technologies, which were only known to a small community of computer scientists and cryptologists, to mainstream phenomena that are now considered powerful game changers for many industries. This book explores and assesses real-world use cases and case studies on blockchain and related technologies. The studies describe the respective applications and address how these technologies have been deployed, the rationale behind their application, and finally, their outcomes. The book shares a wealth of experiences and lessons learned regarding financial markets, energy, SCM, healthcare, law and compliance. Given its scope, it is chiefly intended for academics and practitioners who want to learn more about blockchain applications.

### **Blockchain Economics: Implications Of Distributed Ledgers - Markets,**

### **Communications Networks, And Algorithmic Reality** - Swan Melanie 2019-01-29

This practical introduction explains the field of Blockchain Economics, the economic models emerging with the implementation of distributed ledger technology. These models are characterized by three factors: open platform business models, cryptotoken money supplies, and Initial Coin Offerings as a new and official form of financing. The book covers a variety of approaches from a business and academic perspective, ranging from financial theory, complexity, and open innovation networks to behavioral economics, self-determination theory, public policy, and financial inclusion. Unlike existing titles, this book draws on worldwide blockchain industry experts to define the new discipline of Blockchain Economics and provide novel theoretical and conceptual resources for the future of this fast-developing economy. The primer also highlights the wider theme of blockchain as an institutional technology, in that many value transfer interactions might be shifted to automated networks, decreasing the number of human-operated institutions. As well as stimulating further research, and implementation by business innovators and public policy strategists, the book can also be used as a foundational textbook in courses on Blockchain Economics. remove

### **Human Factors, Business Management and Society** - Vesa Salminen 2022-07-24

Human Factors, Business Management and Society Proceedings of the 13th International Conference on Applied Human Factors and Ergonomics (AHFE 2022), July 24-28, 2022, New York, USA

### **Legal Tech, Smart Contracts and Blockchain** - Marcelo Corrales 2019-02-07

There is a broad consensus amongst law firms and in-house legal departments that next generation "Legal Tech" - particularly in the form of Blockchain-based technologies and Smart Contracts - will have a profound impact on the future operations of all legal service providers. Legal Tech startups are already revolutionizing the legal industry by increasing the speed and efficiency of traditional legal services or replacing them altogether with new technologies. This on-going process of disruption within the legal profession offers significant

opportunities for all business. However, it also poses a number of challenges for practitioners, trade associations, technology vendors, and regulators who often struggle to keep up with the technologies, resulting in a widening regulatory “gap.” Many uncertainties remain regarding the scope, direction, and effects of these new technologies and their integration with existing practices and legacy systems. Adding to the challenges is the growing need for easy-to-use contracting solutions, on the one hand, and for protecting the users of such solutions, on the other. To respond to the challenges and to provide better legal communications, systems, and services Legal Tech scholars and practitioners have found allies in the emerging field of Legal Design. This collection brings together leading scholars and practitioners working on these issues from diverse jurisdictions. The aim is to introduce Blockchain and Smart Contract technologies, and to examine their on-going impact on the legal profession, business and regulators.

Proceedings of the Tenth International Conference on Soft Computing and Pattern Recognition (SoCPaR 2018) - Ana Maria Madureira 2019-04-09

This book highlights recent research on Soft Computing, Pattern Recognition, Information Assurance and Security. It presents 38 selected papers from the 10th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2018) and the 14th International Conference on Information Assurance and Security (IAS 2018) held at Instituto Superior de Engenharia do Porto (ISEP), Portugal during December 13-15, 2018. SoCPaR - IAS 2018 is a premier conference and brings together researchers, engineers and practitioners whose work involves soft computing and information assurance and their applications in industry and the real world. Including contributions by authors from over 25 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

Blockchain Economics and Financial Market Innovation - Umit Hacioglu 2019-12-03

This book discusses various aspects of blockchains in economic systems and investment strategies in crypto markets. It first addresses

the topic from a conceptual and theoretical point of view, and then analyzes it from an assessment and investment angle. Further, it examines the opportunities and limitations of the taxation of crypto currency, as well as the political implications, such as regulation of speculation with crypto currencies. The book is intended for academicians and students in the fields of economics and finance.

**Applications, Challenges, and Opportunities of Blockchain Technology in Banking and Insurance** - Gupta, S. L. 2022-06-03

The surge in technological transformation affects all business model phases over many industries. Emerging technologies provide new avenues for industries to increase their competitive advantage and enhance economic progression. Blockchain technology’s ability to build an open and trustworthy network model seems to promote shared IT-based networks in banking, insurance, and other similar industries. The adoption of blockchain in the banking and insurance industry is developing rapidly.

Applications, Challenges, and Opportunities of Blockchain Technology in Banking and Insurance explores how blockchain technologies optimize and integrate the transactions and operations in association with access to information and reduction in communication costs and negligible data transfer errors. It includes studies on various banking and insurance industries intending to use blockchain technology to make transactions convenient, simple, and safe. Covering topics such as cryptocurrency, digital transformation, and small and medium-sized enterprises, this premier reference source is an essential resource for policymakers, government officials, students and educators of higher education, libraries, banking managers, insurance professionals, researchers, and academicians.

Impact of Financial Technology (FinTech) on Islamic Finance and Financial Stability - Naifar, Nader 2019-09-27

With advancing technologies like distributed ledgers, smart contracts, and digital payment platforms, financial services must be innovative in order to remain relevant in the modern era. The adoption of financial technology affects the whole Islamic financial industry as well as the economic stability of a globalized world. There is

a need for research that seeks to understand financial technology and the regulatory technology necessary to ensure financial security and stability. *Impact of Financial Technology (FinTech) on Islamic Finance and Financial Stability* is an essential publication that examines both the theory and application of newly-available financial services and discusses the impact of FinTech on the Islamic financial service industry. Featuring research on topics such as cryptocurrency, peer-to-peer transferring, and digital wallets, this book is ideally designed for researchers, bank managers, economists, analysts, market professionals, managers, executives, computer scientists, business practitioners, academicians, and students seeking coverage on how the latest in artificial intelligence, machine learning, and blockchain technology will redesign Islamic finance.

*Business Innovation Through Blockchain* - VINCENZO. MORABITO 2019-02-20

This book explores the main challenges and trends related to the use of blockchain technology for digital business innovation with the aim of providing practitioners with stimulating insights and ideas. Readers will find a unified survey of current scientific work on blockchain and related phenomena, such as bitcoin, from a range of perspectives, including information systems, technology management, innovation research, computer science, and engineering. In this way, the book links research and industry practices suitable for use by practitioners in their day-to-day activities and also provides an update on what academia may offer in terms of industry proposals. The contents are divided into three parts. After discussion of blockchain technology and management, including impacts on value chains and systems, governance, and security issues, the bitcoin phenomenon and main technological trends in the use of blockchain are addressed. The final part presents examples of business innovation using blockchain that are drawn from across the globe. Throughout, the author adopts a methodologically rigorous approach while ensuring that the text is readily understandable for readers, regardless of their degree of acquaintance with blockchain.

**Cross-Border E-Commerce Marketing and**

**Management** - Hoque, Md. Rakibul 2020-10-30  
The continued advancement of globalization, increases in internet connectivity, compatibility of international payment systems, and adaptability of logistics and shipping processes have combined to contribute to the rapid growth of the cross-border e-commerce market. Due to these advancements and the ubiquitous presence of smartphones, consumer use of cross-border e-commerce is increasingly simplified, and thus, sellers are hardly restricted to a specific country in terms of promoting, selling, and shipping goods worldwide. The burgeoning opportunities, habits, and trends of shopping on cross-border e-commerce platforms have expedited the prospect of becoming a presence in the global market. This is true for enterprises of all sizes, especially for small? and medium? sized enterprises (SMEs) that want to add their footprint in the international market for the first time. Like any other industry, cross-border e-commerce has its specific economics and driving forces, but has different scopes, challenges, and trends due to the geographic and cultural expanse of relevant environments. *Cross-Border E-Commerce Marketing and Management* was conceptualized by identifying the scope of new complementary information with a comprehensive understanding of the issues and potential of cross-border e-commerce businesses. The authors believe that this book will not only fill the void in the current research but will also provide far-sighted vision and strategies, as it covers big data, artificial intelligence, IoT, supply chain management, and more. This book provides the necessary knowledge to managers to compete with the competitive market structure and ultimately contribute to the sustainable economic growth of a country. It works as a guideline for existing cross-border e-commerce managers to formulate individual strategies that combine to optimize the industry while keeping the enterprise competitive. This book is useful in both developed and developing country contexts. This publication is an ideal resource for academicians, policy makers, stakeholders, and cross-border e-commerce managers, especially from SMEs.

Information Systems - Marinos Themistocleous 2022

This book constitutes selected papers from the 18th European, Mediterranean, and Middle Eastern Conference, EMCIS 2021, which took place during December 8-9, 2021. The conference was initially planned to take place in Dubai, UAE, but had to change to an online event due to the COVID-19 pandemic. EMCIS covers technical, organizational, business, and social issues in the application of information technology and is dedicated to the definition and establishment of Information Systems (IS) as a discipline of high impact for IS professionals and practitioners. It focuses on approaches that facilitate the identification of innovative research of significant relevance to the IS discipline following sound research methodologies that lead to results of measurable impact. The 54 full papers presented in this volume were carefully reviewed and selected from a total of 155 submissions. They were organized in topical sections named: Big Data and Analytics; Blockchain Technology and Applications; Cloud Computing; Digital Governance; Digital Services and Social Media; Emerging Computing Technologies and Trends for Business Process Management; Healthcare Information Systems; Information Systems security and Information Privacy Protection; Innovative Research Projects; IT Governance and Alignment; and Management and Organisational Issues in Information Systems.

*Individual Behaviors and Technologies for Financial Innovations* - Wesley Mendes-Da-Silva  
2018-07-26

This book offers comprehensive examination of research on the relevance of individual behavior and technology to financial innovations. The chapters cover current topics in finance including integrated reporting, people finance, crowdfunding, and corporate networks. It provides readers with an organized starting point to explore individual behaviors and new technologies used in financial innovations. The explicit and growing speed of the spread of new technologies has hastened the emergence of innovation in the field of finance. Topics like the Internet of Things, semantic computing and big data finance are motivating the construction of financial tools that translate into new financial mechanisms. This book strives help readers better understand the dynamic of the changes in

financial systems and the proliferation of financial products. *Individual Behaviors and Technologies for Financial Innovations* is organized in 16 chapters, organized in three parts. Part I has eight chapters that review the research on gender differences in attitudes about risk and propensity to purchase automobile insurance, financial literacy models for college students, wellness and attitude of university students in the use of credit cards, impact of programs income distribution and propensity to remain in employment, financial literacy and propensity to resort to informal financing channels, risk behavior in the use of credit cards by students. Part II reviews the research on financing for startups and SMEs, exploring funding through crowdfunding platform, operating credit unions, and using networks of friends to finance small businesses outside the domestic market. The four chapters of Part III describe contexts of financial innovation in listed companies, including society's demands on their behavior - we discuss motivations for companies to participate in corporate sustainability indexes, corporate performance through their profile of socially responsible investments, influence of networks of social relations in the formation of boards, and management of companies, and also the precariousness of financial decisions in large companies, as well as the role of the internet in corporate communication with the market.

*Digital Business Transformation* - Rocco Agrifoglio  
2020-09-15

The recent surge of interest in “digital transformation” is changing the business landscape and posing several challenges, both organizational and sectoral. This transformation involves the application of digital technology in all aspects of business, and enables organizations to create new products and services, and to find more efficient ways of doing business. Moreover, the digital transformation is happening within and across organizations of all types and in every industry, producing a disruptive innovation that can break down the barriers between people and organizations, and help create more adaptive processes. In the information age, it is imperative for organizations to develop IT-related capabilities that allow them to leverage the potential of

digital technologies. Due to the pervasive effects of this transformation on processes, firms and industries, both scholars and practitioners are interested in better understanding the key mechanisms behind the emergence and evolution of the digital business transformation. This book presents a collection of research papers focusing on the relationships between technologies (e.g., digital platforms, AI, blockchain, etc.), processes (e.g., decision-making, co-creation, financial, compliance, etc.), and organizations (e.g., smart organizations, digital ecosystems, Industry 4.0, collaborative networked organizations, etc.), which have been categorized into three major areas: organizing, managing and controlling. It also provides critical insights into how the digital transformation is enhancing organizational processes and firms' performance through an exploration and exploitation of internal resources, and through the establishment of external connections and linkages. The plurality of views offered makes this book particularly relevant for users, companies, scientists, and governments. The content of the book is based on a selection of the best papers (original double-blind peer-reviewed contributions) presented at the annual conference of the Italian chapter of the AIS, which was held in Naples, Italy in September 2019.

*Systems, Software and Services Process Improvement* - Murat Yilmaz 2022-09-26

This volume constitutes the refereed proceedings of the 29th European Conference on Systems, Software and Services Process Improvement, EuroSPI 2022, held in Salzburg, Austria, in August-September 2022. The 49 full papers and 8 short papers presented were carefully reviewed and selected from 110 submissions. The papers are organized according to the following topical sections: SPI and emerging and multidisciplinary approaches to software engineering; digitalisation of industry, infrastructure and e-mobility; SPI and good/bad SPI practices in improvement; SPI and functional safety and cybersecurity; SPI and agile; SPI and standards and safety and security norms; SPI and team skills and diversity; SPI and recent innovations; virtual reality and augmented reality.

[Cryptocurrencies and Blockchain. Relevance and](#)

[risks for companies in the age of digitization](#) - Willi Leibner 2018-04-18

Bachelor Thesis from the year 2018 in the subject Economics - Finance, grade: 1,7, University of Applied Sciences Essen, language: English, abstract: The progress of change in society through digitization, globalization and the rapid development of technology prompts new and innovative opportunities for companies across the world. Over the past few years, nearly everything is based on smart devices that are able to communicate among themselves. As a result, new technologies have arisen, been published and are able to be used by people around the world. One of the recently released and most popular topics is blockchain. This term earned its attention through its innovative and unrepresented form of technology and has motivated several parties to learn more about this issue, examine it more closely and develop it further. Particularly the range of potential applicability makes it interesting for companies to analyse possibilities for implementation with respect to their own business. In addition, blockchain is related to another term that has arisen along with this technology, namely cryptocurrency. Especially Bitcoin is the forefather in the world of digital currencies. Over the past few years, Bitcoin has skyrocketed in popularity and value since its founding in 2009. Consequently, this digital currency has gained the attention of many people who are trying to predict the commercial development and future performance in the world's economy. There are many pros and cons and some powerful businessmen have published their own opinions based upon the respective commercial interests. ... Research question: Is it possible to use cryptocurrencies as a financial instrument in the context of corporate finance? Structure: 1 Introduction 1.1 Problem description 1.2 Course of investigation 2 Basics and theoretical foundations 2.1 Fundamentals of Blockchain 2.1.1 Transactions and its particularities in terms of Blockchain 2.1.2 How Blockchain works 2.2 Blockchain applications 2.2.1 Basic Blockchain applications 2.2.2 Practical relevance of Blockchain 3 Impacts of Blockchain to the banking industry 4 Implications with reference to corporate finance 4.1 General terminology of corporate finance 4.2

Blockchain-based financing as addition to traditional sources 4.2.1 Bank loans as a sample of debt financing 4.2.2 Initial Public Offering as a sample of equity financing 4.2.3 Peer-to-Peer-Lending as a counterpart to bank loans 4.2.4 Initial Coin Offering as a counterpart to an Initial Public Offering 4.3 Risks of dealing with cryptocurrencies 5 Critical review and deduction 6 Conclusion and outlook

### **Business Transformation through**

**Blockchain** - Horst Treiblmaier 2018-12-21

This edited collection offers a number of contributions from leading scholars investigating Blockchain and its implications for business. Focusing on the transformation of the overall value chain, the sections cover the foundations of Blockchain, its drivers and barriers, business modelling and a range of examples from industry. Using a number of theoretical and methodological approaches, this innovative publication aims to further the cause of this ground-breaking technology and its use within information technology, supply chain and wider business management research.

### Digital Transformation and Global Society -

Daniel A. Alexandrov 2018-11-09

This two volume set (CCIS 858 and CCIS 859) constitutes the refereed proceedings of the Third International Conference on Digital Transformation and Global Society, DTGS 2018, held in St. Petersburg, Russia, in May/June 2018. The 75 revised full papers and the one short paper presented in the two volumes were carefully reviewed and selected from 222 submissions. The papers are organized in topical sections on e-polity: smart governance and e-participation, politics and activism in the cyberspace, law and regulation; e-city: smart cities and urban planning; e-economy: IT and new markets; e-society: social informatics, digital divides; e-communication: discussions and perceptions on the social media; e-humanities: arts and culture; International Workshop on Internet Psychology; International Workshop on Computational Linguistics.

*Media Trust in a Digital World* - Thomas Osburg 2019-11-23

This book examines the shifting role of media trust in a digital world, and critically analyzes how news and stories are created, distributed and consumed. Emphasis is placed on the

current challenges and possible solutions to regain trust and restore credibility. The book reveals the role of trust in communication, in society and in media, and subsequently addresses media at the crossroads, as evinced by phenomena like gatekeepers, echo chambers and fake news. The following chapters explore truth and trust in journalism, the role of algorithms and robots in media, and the relation between social media and individual trust. The book then presents case studies highlighting how media creates trust in the contexts of: brands and businesses, politics and non-governmental organizations, science and education. In closing, it discusses the road ahead, with a focus on users, writers, platforms and communication in general, and on media competency, skills and education in particular.

**Intellectual Capital, Smart Technologies and Digitalization** - Maria Serena Chiucchi 2021-10-13

This book treats intellectual capital, smart technologies, and digitalization processes as levers of corporate competitiveness and global value creation. This book is based on theoretical and practical research output from the STEDIC SIDREA Group. It uses several methodologies to discover features and pillars on intellectual capital such as human capital, relational capital, and structural capital as well as smart technologies such as artificial intelligence, Internet of Things, big data, and digitalization.

*Fintech in Islamic Finance* - Umar A. Oseni 2019-06-26

Featuring high-level analysis of Islamic law, this book examines fintech in Islamic finance from both theoretical and empirical perspectives. Whilst building on existing approaches, it also discusses the current application of fintech in promoting financial inclusion through innovative solutions in Muslim-majority countries, identifying future directions for policy-makers. With original chapters written by prominent academics, senior lawyers and practitioners in the global Islamic finance industry, this book serves as the first standalone pioneering reference work on fintech in Islamic finance. It also, for the first time, examines the position of Islamic law on cryptocurrencies, such as bitcoin. Besides the conceptual analysis of the Sharī'ah and legal aspects of fintech in Islamic finance,

this book provides relevant case studies showing current and potential developments in the application of fintech in various sectors ranging from crowdfunding and smart contracts, to Online Dispute Resolution, Investment Account Platform and identity verification in the KYC process. Setting the agenda for researchers in the field, Fintech in Islamic Finance will be useful to students and scholars of Islamic finance and financial technology.

*European Journal of Tourism Research* - 2020-10-01

The European Journal of Tourism Research is an open-access academic journal in the field of tourism, published by Varna University of Management, Bulgaria. Its aim is to provide a platform for discussion of theoretical and empirical problems in tourism. Publications from all fields, connected with tourism such as tourism management, tourism marketing, tourism sociology, psychology in tourism, tourism geography, political sciences in tourism, mathematics, tourism statistics, tourism anthropology, culture and tourism, heritage and tourism, national identity and tourism, information technologies in tourism and others are invited. Empirical studies need to have either a European context or clearly stated implications for European tourism industry. The journal is open to all researchers. Young researchers and authors from Central and Eastern Europe are encouraged to submit their contributions. The journal is indexed in Scopus and Clarivate Analytics' Emerging Sources Citation Index. There are no charges for publication. The editorial team welcomes your submissions to the European Journal of Tourism Research.

[Blockchain Technologies for Sustainability](#) - Subramanian Senthilkannan Muthu 2021-10-24

This book highlights the applications of blockchain technologies to foster sustainable development in different fields. The concept of Sustainability has grown widespread in today's context and there are many requirements to achieve Sustainability in any industrial sector including mapping, tracing the supply chain to ensure sustainable supply chain management. Reliable and transparent, efficient data is one of the key requirements for Sustainability in today's advanced industrial context.

Achievement of Sustainability objectives in this advanced era demands various technological advancements such as Blockchain technologies. The core competencies of blockchain technology namely transparency, data auditability, privacy, value transfer, and process efficiency and automation are very much essential for achieving the multifold objectives under sustainability.

**The New Era of Real Estate** - Gianluca Mattarocci 2022-10-22

This book is intended to guide researchers interested in the world of innovation in real estate finance linked to technology and provide new evidence on classifying and evaluating the performance of PropTech companies. Chapters will deal with the evolution of PropTech, possible business models, negotiation and property management tools, new property financing tools (p2p lending and crowdfunding), the market and the balance sheet analysis of PropTech companies in Europe. A valuable resource for researchers studying the real estate industry, this book is also relevant to those studying FinTech and the impact of technology on industry more broadly. It can also be of use to professionals in the real estate industry, looking for a cutting edge research-based study on PropTech.

[Research Handbook on Contract Design](#) - Corrales Compagnucci, Marcelo 2022-05-03  
Weaving together theoretical, historical, and legal approaches, this book offers a fresh perspective on the modern revival of the concept of allegiance, identifying and contextualising its evolving association with theories of citizenship.

**Digital Economy. Emerging Technologies and Business Innovation** - Rim Jallouli 2021

This book constitutes the proceedings of the 6th International Conference on Digital Economy, ICDEc 2021. The conference was held during July 15-17, 2021. It was initially planned to take place in Tallin, Estonia, but changed to a virtual event due to the COVID-19 pandemic. The 18 papers presented in this volume were carefully reviewed and selected from 51 submissions. They were organized in topical sections as follows: Digital strategies; virtual communities; digital assets and blockchain technology; artificial intelligence and data science; online education; digital transformation; and

augmented reality and IOT.

*Emerging Technologies in Computing* - Pramod Kumar 2021-12-21

*Emerging Technologies in Computing: Theory, Practice, and Advances* reviews the past, current, and future needs of technologies in the computer science field while it also discusses the emerging importance of appropriate practices, advances, and their impact. It outlines emerging technologies and their principles, challenges, and applications as well as issues involved in the digital age. With the rapid development of technologies, it becomes increasingly important for us to remain up to date on new and emerging technologies. It draws a clear illustration for all those who have a strong interest in emerging computing technologies and their impacts on society. Features: Includes high-quality research work by academicians and industrial experts in the field of computing Offers case studies related to Artificial Intelligence, Blockchain, Internet of Things, Multimedia Big Data, Blockchain, Augmented Reality, Data Science, Robotics, Cybersecurity, 3D Printing, Voice Assistants and Chatbots, and Future Communication Networks Serves as a valuable reference guide for anyone seeking knowledge about where future computing is heading

**Computational Science - ICCS 2018** - Yong Shi 2018-06-12

The three-volume set LNCS 10860, 10861 and 10862 constitutes the proceedings of the 18th International Conference on Computational Science, ICCS 2018, held in Wuxi, China, in June 2018. The total of 155 full and 66 short papers presented in this book set was carefully reviewed and selected from 404 submissions. The papers were organized in topical sections named: Part I: ICCS Main Track Part II: Track of Advances in High-Performance Computational Earth Sciences: Applications and Frameworks; Track of Agent-Based Simulations, Adaptive Algorithms and Solvers; Track of Applications of Matrix Methods in Artificial Intelligence and Machine Learning; Track of Architecture, Languages, Compilation and Hardware Support for Emerging ManYcore Systems; Track of Biomedical and Bioinformatics Challenges for Computer Science; Track of Computational Finance and Business Intelligence; Track of Computational Optimization, Modelling and

Simulation; Track of Data, Modeling, and Computation in IoT and Smart Systems; Track of Data-Driven Computational Sciences; Track of Mathematical-Methods-and-Algorithms for Extreme Scale; Track of Multiscale Modelling and Simulation Part III: Track of Simulations of Flow and Transport: Modeling, Algorithms and Computation; Track of Solving Problems with Uncertainties; Track of Teaching Computational Science; Poster Papers

*Handbook of Research on Driving Transformational Change in the Digital Built Environment* - Underwood, Jason 2021-05-07

The construction industry is amidst a digital transformation that is focused on addressing well-documented issues and calls for significant improvements and changes through increased productivity, whole-life value, client focus, reduction of waste, and being more sustainable. The key aspect to driving change and transformation is the education and upskilling of the required workforce towards developing the required capacities. Various approaches can be taken to embed digital construction within education and through collaborative efforts in order to drive change and facilitate improvements. The Handbook of Research on Driving Transformational Change in the Digital Built Environment focuses on current developments in practice and education towards facilitating transformation in the built environment. This book provides insight, from a practice perspective, in relation to the client's understanding, digitally enabled collaboration, interoperability and open standards, and maturity/capability. Covering topics that include digital transformation and construction, digitally enabled infrastructure, building information modelling, collaborative digital education, and the digital built environment, this book is an ideal reference source for engineers, professionals, and researchers in the field of digital transformation as well as doctoral scholars, doctoral researchers, professionals, and academicians.

**Management Strategies to Survive in a Competitive Environment** - Hasan Dincer 2021-04-27

Competition is present for almost every sector nowadays. Therefore, it is vital for companies to develop a set of strategies in order to survive in

the competitive environment of a globalized world. This book discusses how and why not every strategy is appropriate for every sector. The volume offers a qualified and comprehensive analysis to determine effective competitive strategies taking into account the many different factors that affect company performance.

Essential Topics Of Managing Information Systems - Jun Xu 2019-11-05

This comprehensive compendium is about managing information systems and focuses on relationships between information, information systems, people and business. The impacts, roles, risks, challenges as well as emerging trends of information systems are an important element of the book. Essential and critical information systems management skills including using information systems for competitive advantages, planning and evaluating information systems, developing and implementing information systems, and managing information systems operation form a critical part of this unique reference text. Current topics like digital platforms, agile organization, DevOPs, blockchain, 5G, data center and quantum computing prove indispensable for readers who want to stay in the forefront of today's complex information systems.

*Agile Government: Emerging Perspectives In Public Management* - Melodena Stephens Balakrishnan 2022-04-07

The governments of today are not able to transform and adapt to changes in the world around them, as demanded by their constituents. The nature of work, value of public goods, and the constant bombardment of crises are making the old bureaucratic structures obsolete. Agile Government is an emerging theme, that of government-wide reinvention for adaptiveness and responsiveness. It places the accountability, delivery, capture, design and creation of public value at the heart of the government. The concept of agile government is confused with terms like Agile Manifesto, agile governance, agility among others, and because of this, needs some unpacking. This book is a deep dive into this topic. It offers insights from the theoretical development of the topic of agile government, some lessons from government practices around the world, and ongoing academic and policy

research. The project is spearheaded by the Mohammed Bin Rashid School of Government, which is the first teaching and research institution in the Arab world focusing on public policy and governance.

**Procurement Finance** - Bernardo Nicoletti 2018-12-24

This book presents a business model on how to structure the relationship between financial services and procurement. The need for new models is particularly important to support small and medium enterprises (SMEs) where there is an evident difficulty in accessing credit. Due to this context, innovative solutions must be introduced. The objective of this book is to determine how innovation can support the dynamic and volatile international context and the increasingly relevant function of procurement. It is becoming more and more important to take into account complex international transactions with notably long payment terms. Organizations need to manage the best way to handle the financial relationships and the risks related to credit provision and payments. This book presents an end-to-end support to procurement, including trade finance, supply chain finance, and related payments. In addition, the enterprises need to keep sufficient liquidity levels in the short and medium term. This is a constant challenge today, with the turbulence of financial markets and a continuing climate of economic uncertainty making it harder to obtain external funding. Businesses need to optimize the working capital. This can be done through the innovative concept of procurement finance, which allows SMEs to benefit by the new vision of collaborative procurement. This book provides several practical examples of advanced procurement finance solutions. It demonstrates how the use of process improvement and technology can help in overcoming the current financially difficult situation. In addition, based on the business model presented, the integrated approach to procurement finance allows sustainable solutions which will be of interest to academics, researchers, managers, and practitioners in both buyer and vendor companies, as well as in banks and other financial institutions.

Business Transformation through Blockchain - Horst Treiblmaier 2018-12-30

The second volume of this edited collection offers a number of contributions from leading scholars investigating Blockchain and its implications for business. Focusing on the transformation of the overall value chain, the sections cover the foundations of Blockchain and its sustainability, social and legal applications. It

features a variety of use cases, from tourism to healthcare. Using a number of theoretical and methodological approaches, this innovative publication aims to further the cause of this ground-breaking technology and its use within information technology, supply chain and wider business management research.