

Trends International 2017 Day At A Time Box Calendar 6 125 X 5 25 X 1 5 Harry Potter

This book constitutes the thoroughly refereed revised selected papers of the 18th International Symposium on Trends in Functional Programming, TFP 2017, held in Canterbury, UK, in June 2017. The 8 revised full papers were selected from 16 submissions and present papers in all aspects of functional programming, taking a broad view of current and future trends in the area.

This book elaborates upon, critiques and discusses 21st-century approaches to scholarship and research in the food, tourism, hospitality, and events trades and applied professions, using case examples of innovative practice. The specific field considered in this book is also placed against the backdrop of the larger question of how universities and other institutions of higher learning are evolving and addressing the new relationships between research, scholarship and teaching.

Rebel Economies explores historical, anthropological, and political dimensions of non-state war economies across different periods and regions. Through a variety of conceptual and disciplinary approaches, the authors investigate distinct case studies across three continents, revealing nexuses between the economy, war, and social transformation.

Emerging Issues and Trends in EducationMSU Press

Continuing advancements in electronics creates the possibility of communicating with more people at greater distances. Such an evolution calls for more efficient techniques and designs in radio communications. Emerging Innovations in Microwave and Antenna Engineering provides innovative insights into theoretical studies on propagation and microwave design of passive and active devices. The content within this publication is separated into three sections: the design of antennas, the design of the antennas for the RFID system, and the design of a new structure of microwave amplifier. Highlighting topics including additive manufacturing technology, design application, and performance characteristics, it is designed for engineers, electricians, researchers, students, and professionals, and covers topics centered on modern antenna and microwave circuits design and theory.

This book is a collection of high-quality peer-reviewed research papers presented at Sixth International Conference on Recent Trends in Computing (ICRTC 2020) held at SRM Institute of Science and Technology, Ghaziabad, Delhi, India, during 3 -4 July 2020. The book discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. The book presents original works from researchers from academic and industry in the field of

networking, security, big data and the Internet of things.

This report aims to provide policy makers with a comprehensive examination of “project pipelines”, a common concept in infrastructure planning and investment discussions, and one which has become a focal point in countries’ efforts to implement their climate commitments.

Finalist for the 2021 ASHE/CIHE Award for Significant Research on International Higher Education U.S. Power in International Higher Education explores how internationalization in higher education is not just an educational endeavor, but also a geopolitical one. By centering and making explicit the role of power, the book demonstrates the United States’s advantage in international education as well as the changing geopolitical realities that will shape the field in the future. The chapter authors are leading critical scholars of international higher education, with diverse scholarly ties and professional experiences within the country and abroad. Taken together, the chapters provide broad trends as well as in-depth accounts about how power is evident across a range of key international activities. This book is intended for higher education scholars and practitioners with the aim of raising greater awareness on the unequal power dynamics in internationalization activities and for the purposes of promoting more just practices in higher education globally.

Although there have been considerable technological advances over the past decade, particularly in terms of mobile applications, much remains unknown about their effect on societal progress. This book focuses on how inequality and entrepreneurship are both by-products of technological change. The book provides insights into how society has shifted from consumer division to human centricity, and helps readers gain a better understanding of the positive and negative effects of entrepreneurship.

As classrooms across the globe become increasingly more diverse, it is imperative that educators understand how to meet the needs of students with varying demographic backgrounds. Emerging Issues and Trends in Education presents case studies from academics who have all at one point been teachers in K–12 classrooms, addressing topics such as STEM as well as global issues related to race, gender education, education policy, and parental engagement. The contributors take an international approach, including research about Nigerian, Chinese, Native American, and Mexican American classrooms. With a focus on multidisciplinary perspectives, Emerging Issues and Trends in Education is reflective of the need to embrace different ways of looking at problems to improve education for all students.

Our Changing Menu unpacks the increasingly complex relationships between food and climate change. Whether you're a chef, baker, distiller, restaurateur, or someone who simply enjoys a good pizza or drink, it's time to come to terms with how climate change is affecting our diverse and interwoven food system. Michael P. Hoffmann, Carrie Koplinka-Loehr, and Danielle L. Eiseman offer an eye-opening journey through a complete menu of before-dinner drinks and salads; main courses and sides; and coffee and dessert. Along the way they examine the escalating changes occurring to the flavors of spices and teas, the yields of wheat, the vitamins in rice, and the price of vanilla. Their story is rounded out with a primer on the global food system, the causes and impacts of climate change, and what we can all do. Our Changing Menu is a celebration of food and a call to action—encouraging readers to join with others from the common ground of food to help tackle the greatest challenge of our time.

Though globalization has removed commercial walls between countries and implemented new international trade policies, trade barriers still exist. Due to the various political barriers surrounding other countries, the future of world trade has become uncertain. Understanding these barriers and their implications is imperative to implementing successful foreign trade policies. *International Trade Policies in the Era of Globalization* provides relevant theoretical frameworks and the latest empirical research findings on international trade and improves the understanding of the strategic role of trade policies and their importance in the global economy. The content within this publication contains reports on global trade, trade wars, and foreign policy. This research is designed for policymakers, government officials, economists, business professionals, researchers, and international business students.

Organizational trauma theory endeavors to examine the psychological and physical effects of trauma on individuals and groups within an organization. Individual trauma, the individual mental and emotional disruptions that affect the well-being of self, often contributes to organizational trauma. Or sometimes, the disruptions are external and caused by societal, economic, or political changes. Recent traumatic events such as the COVID-19 pandemic and racial tensions stemming from social injustices present even greater challenges for organizations as leaders seek to facilitate healing, restoration, and renewal. Organizational trauma is currently playing out in our organizations, and organizational scholars, leaders, and managers are looking for ways to mitigate this trauma without having explicit knowledge or understanding of how to deal with it. Despite the increasing need to better understand organizational trauma and how to address it, this body of research has not played a prominent role in mainstream organization and management theory. *Role of Leadership in Facilitating Healing and Renewal in Times of Organizational Trauma and Change* examines the importance of dealing with trauma in organizations and related topics of interest. The chapters highlight global perspectives and present new and significant information and observations about organizational trauma and offer insights derived from a solidly and sufficiently broad knowledge base of theory, research, and practice. This book will also grant a basis of understanding trauma, its antecedents and outcomes, as well as how it can be mitigated and will provide information and insights regarding organizational trauma and how it interacts with and influences other organizational phenomena. This book is ideally intended for managers, human resources officers, academicians, practitioners, executives, professionals, researchers, and students interested in examining the ways in which organizational trauma is impacting the workplace.

Current modern companies, which are also the key factors of a global economy, are subject to increasing pressures to conduct their business in an environmentally responsible manner, due to social and environmental problems. Improving long-term environmental performance can bring economic benefits to those companies that are innovative and environmentally sensitive, especially by integrating environmental information into their business strategies. Considering all the changes, sustainability reporting, management, and financial accounting becomes a powerful information tool for executives, managers, and employee teams to gain insights and make better decisions. Along with concepts such as ethical, controlling, auditing, management, and financial accounting, reporting provides value with the decision-making process. All these debates underline the major responsibility of users when configuring accounting and finance models and thereby in modelling business information. *Sustainability Reporting, Ethics, and Strategic Management Strategies for Modern Organizations* proposes an interdisciplinary perspective and explores various theoretical and practical approaches of ethical standards, management accounting, and their impact in the 21st century on different areas of activity. It contrasts external financial accounting for government regulators and the investment community with internal management accounting for managers to leverage for decision making. In addition, the book examines the role of management accounting and sustainability reporting from other points of view such as ethical standards, corporate social

responsibility, creative accounting, green accounting, environmental indicators, e-accounting, KPI, lean accounting, controlling, auditing, reporting, etc., offering a number of new insights into management accounting. It is intended for chief financial officers, financial controllers, business analysts, financial planners, financial analysts, budgeting managers, executives, managers, academicians, researchers, and students.

This book sets the stage for understanding how the exponential escalation of digital ubiquity in the contemporary environment is being absorbed, modulated, processed and actively used for enhancing the performance of our built environment. S.M.A.R.T., in this context, is thus used as an acronym for Systems & Materials in Architectural Research and Technology, with a specific focus on interrogating the intricate relationship between information systems and associative material, cultural and socioeconomic formations within the built environment. This interrogation is deeply rooted in exploring inter-disciplinary research and design strategies involving nonlinear processes for developing meta-design systems, evidence based design solutions and methodological frameworks, some of which, are presented in this issue. Urban health and wellbeing, urban mobility and infrastructure, smart manufacturing, Interaction Design, Urban Design & Planning as well as Data Science, as prominent symbiotic domains constituting the Built Environment are represented in this first book in the S.M.A.R.T. series. The spectrum of chapters included in this volume helps in understanding the multivalence of data from a socio-technical perspective and provides insight into the methodological nuances involved in capturing, analysing and improving urban life via data driven technologies. PAAMS, the International Conference on Practical Applications of Agents and Multi-Agent Systems is an evolution of the International Workshop on Practical Applications of Agents and Multi-Agent Systems. PAAMS is an international yearly tribune to present, to discuss, and to disseminate the latest developments and the most important outcomes related to real-world applications. It provides a unique opportunity to bring multi-disciplinary experts, academics and practitioners together to exchange their experience in the development of Agents and Multi-Agent Systems. This volume presents the papers that have been accepted for the 2017 in the special sessions: Agent-Based Social Simulation, Modelling and Big-Data Analytics (ABM); Advances on Demand Response and Renewable Energy Sources in Agent Based Smart Grids (ADDRESS); Agents and Mobile Devices (AM); Computer vision in Multi-Agent Robotics (RV); Persuasive Technologies (PT); Web and Social Media Mining (WASMM). The volume also includes the papers accepted for publication in the Doctoral Consortium (DCAI, DCAI-DECON, ISAMI, MIS4TEL, PAAMS, PACBB 2017 conferences).

Change is a part of any organization, but in order to compete in the globally connected business environment, organizations also need to incorporate an entrepreneurial focus. This book investigates how successful organizations have intelligently responded to change by utilizing creative, innovative and dynamic solutions. Pursuing a complexity theory approach, it analyzes the changes currently taking place, and discusses the optimal use of organizational resources. This provides the reader with a more cohesive way to assess the current and potential future challenges faced by organizations as they respond to environmental, social and economic changes.

This book constitutes the refereed proceedings of seven workshops held at the 19th International Conference on Image Analysis and Processing, ICIAP 2017, in Catania, Italy, in September 2017: First International Workshop on Brain-Inspired Computer Vision – WBICV 2017; Social Signal Processing and Beyond - SSPandBE 2017; Automatic affect

analysis and synthesis - 3AS 2017; Background learning for detection and tracking from RGBD Videos - RGBD 2017; Natural human-computer Interaction and ecological perception in immersive Virtual and Augmented Reality - NIVAR 2017; 1st International Workshop on Biometrics as-a-service: cloud-based technology, systems and applications - IWBAAS 2017; 3rd International Workshop on Multimedia Assisted Dietary Management - MADiMa 2017.

This paper discusses the role of, and provides practical country-level guidance on, fiscal policies for implementing climate strategies using a unique and transparent tool laying out trade-offs among policy options.

Standardization is no longer a technical activity. Rather, most large firms as well as policymakers and many other public sector entities have realized the economic and political relevance of information and communication technology standards. Accordingly, an increasing number of firms and public authorities experience the need to properly manage their standardization activities. Corporate Standardization Management and Innovation is an essential reference source that discusses various aspects that relate to the management of standardization in private firms and the public sector and identifies good practices in the internal and external management of standardization activities. Focusing around research areas such as digital market, global business, and business strategy, this book is designed to assist academics, practitioners, and researchers in the identification of good practices in management of standardization activities.

Nanostructured Materials for Next-Generation Energy Storage and Conversion: Photovoltaic and Solar Energy, is volume 4 of a 4-volume series on sustainable energy. Photovoltaic and Solar Energy while being a comprehensive reference work, is written with minimal jargon related to various aspects of solar energy and energy policies. It is authored by leading experts in the field, and lays out theory, practice, and simulation studies related to solar energy and allied applications including policy, economic and technological challenges. Topics covered include: introduction to solar energy, fundamentals of solar radiation, heat transfer, thermal collection and conversion, solar economy, heating, cooling, dehumidification systems, power and process heat, solar power conversion, policy and applications pertinent to solar energy as viable alternatives to fossil fuels. The aim of the book is to present all the information necessary for the design and analysis of solar energy systems for engineers, material scientists, economics, policy analysts, graduate students, senior undergraduates, solar energy practitioner, as well as policy or lawmakers in the field of energy policy, international energy trade, and libraries which house technical handbooks related to energy, energy policy and applications.

Can there be reliable information that is also relevant to decision making? Information for Efficient Decision Making: Big Data, Blockchain and Relevance focuses on the consolidation of information to facilitate making decisions in firms, in order to make their operations efficient to reduce their costs and consequently, increase their profitability. The advent of

blockchain has generated great interest as an alternative to centralized organizations, where the data is gathered through a centralized ledger keeping of activities of the firm. The decentralized ledger keeping is one of the main features of blockchain that has given rise to many issues of technology, development, implementation, privacy, acceptance, evaluation and so on. Blockchain concept is a follow-up to big data environment facilitated by enormous progress in computer hardware, storage capacities and technological prowess. This has resulted in the rapid acquiring of data not considered possible earlier. With shrewd modeling analytics and algorithms, the applications have grown to significant levels. This handbook discusses the progress in data collection, pros and cons of collecting information on decentralized publicly available ledgers and several applications.

Global economic scenarios are increasing in complexity due to the recent global financial crisis, globalization, the evolution of ICT, and the changing behaviors of consumers. This has made it difficult to predict trends and build strategies within the retail industry. As a result, long-term forecasts and schedules are not possible, and more research is needed to explore today's consumer profile and set the frameworks for future recovery strategies. *Predicting Trends and Building Strategies for Consumer Engagement in Retail Environments* is a pivotal reference source that provides practical insights into improving the understanding of complex retail environments and consumer shopping behaviors in order to predict trends and develop strategies for retailers in times of economic crisis. While highlighting topics such as consumer engagement, industry models, and market globalization, this publication explores qualitative and quantitative methods of interest and the multidisciplinary approaches revolving around the industry. This book is ideally designed for marketers, managers, practitioners, retail professionals, academicians, researchers, and students seeking current research on relationship marketing, digital marketing, service management, and complexity theories.

As one of the largest service industries serving millions of international and domestic individuals yearly, it is important to understand the current trends, practices, and challenges surrounding tourism. Emphasized by the effects on people, management processes, and technological advancements, this economic and socio-cultural phenomenon's importance is increasing worldwide. *Global Trends, Practices, and Challenges in Contemporary Tourism and Hospitality Management* discusses and analyzes the impacts of new trends in the tourism industry, including sub-sectors of tourism, and revisits existing trends, identifies new types and forms of tourism, and discusses the influence and use of technology. Featuring research on topics such as guest retention, predictive analysis, and ecotourism practices, the material collected is ideally designed for managers, travel agents, industry professionals, practitioners, consultants, and researchers.

Cloud computing has experienced explosive growth and is expected to continue to rise in popularity as new services and

applications become available. As with any new technology, security issues continue to be a concern, and developing effective methods to protect sensitive information and data on the cloud is imperative. *Cloud Security: Concepts, Methodologies, Tools, and Applications* explores the difficulties and challenges of securing user data and information on cloud platforms. It also examines the current approaches to cloud-based technologies and assesses the possibilities for future advancements in this field. Highlighting a range of topics such as cloud forensics, information privacy, and standardization and security in the cloud, this multi-volume book is ideally designed for IT specialists, web designers, computer engineers, software developers, academicians, researchers, and graduate-level students interested in cloud computing concepts and security.

A definitive resource for understanding such far-reaching and often interconnected crimes as cyber theft, drug trafficking, human smuggling, identity theft, wildlife poaching, and sex tourism. • Includes primary source documents such as international treaties and conventions related to global crime • Provides quick access to key terms, events, individuals, and organizations playing a key role in combating global crime • Includes suggested sources for additional information in each entry to aid readers who want to examine the topic in more detail • Features scholars and practitioners from more than 10 countries who have specific knowledge of, and experience with, many of the global crimes covered in the work
A comprehensive legal inquiry into children's rights and business, drawing on insights from various disciplines, enriched by in-depth case studies.

Changes within the travel industry, such as globalization, consumerism, and advancements in technology, have transformed travel agencies into highly competitive businesses. To remain successful, new business approaches and models must be created in the global tourism and hospitality industry. Travel companies continue to expand their businesses in different countries and seek to collaborate with international entrepreneurs, developing the need for cross-cultural strategies and policies. As travel agencies flourish, identifying these business practices is necessary for these organizations to obtain a competitive management model at the global level. *The Handbook of Research on International Travel Agency and Tour Operation Management* gathers the latest methodologies, tools, models, and theories regarding tourism development and sustainability into one comprehensive reference source in order to promote, manage, and maximize the profitability potential of travel agencies and tour operation services. Featuring research on topics such as e-marketing, medical tourism, and online travel, this book provides travel agents, managers, industry professionals, researchers, academics, and students with the necessary resources to effectively develop and implement organizational strategies and models.

This report examines the vulnerability of youth to unemployment and the shortage of decent work. It shows where

progress has or has not been made in terms of tapping the energy, talent, and creativity of young people for the benefit of the economy's productive potential. It updates the world and regional youth labor market indicators and gives detailed analyses of longer-term trends in youth population, labor force, and employment, while providing a first glimpse at new estimates of working poverty among youth. The report shows that the impacts of the economic crisis have been disproportionately severe for young people around the world. It also offers valuable lessons learned from evaluating youth employment programs.

This book highlights the current limitations of biogas production and yield and new avenues to improving them. Biogas production and yield are among the most important renewable energy targets for our world. Pursuing an innovative and biotechnological approach, the book presents alternative sources for biogas production and explores a broad range of aspects, including: pre-treatment of substrates, accelerators (enzyme-mediated) and inhibitors involved in the process of obtaining biogas and its yield, design specifications for digesters/modified digesters, managing biogas plants, microbial risk and slurry management, energy balance and positive climatic impacts of the biogas production chain, and the impacts on Human, Animal and Environmental Health (“One Health” concept for the biogas chain).

Based on ongoing research at IDRAC Business School (France) and drawing from guest lectures at international partner universities, this volume discusses the changing landscape of 21st century business. Written by scholars and practitioners across the globe, it covers a number of business-related issues, ranging from contemporary consumer trends to management styles, underscoring the notion of the global village and drawing attention to subtle differences. The book will appeal to undergraduates, postgraduates and managers who have an interest in how theories can be used to explain and identify the changes taking place in the global, online business environment.

This timely edited collection offers a multidisciplinary perspective on social commerce, a phenomenon that has gained increasing interest over the last 8 years. Investigating how social media can be used to generate value for brands beyond customer relationship purposes, the skilled authors explore how social media users co-create value for businesses, influence other consumers and generate electronic word-of-mouth (eWOM). Providing insights from practitioners and academics, this book goes further than simply exploring e-commerce and social media, and addresses the real relevance of social commerce in today's business landscape. With a selection of contemporary case studies and a Foreword written by Inthefrow's creator, Victoria Magrath, Social Commerce will be an engaging read for those studying consumer behaviour, online marketing, and e-commerce.

The integrity of knowledge that emerges from research is based on individual and collective adherence to core values of objectivity, honesty, openness, fairness, accountability, and stewardship. Integrity in science means that the

organizations in which research is conducted encourage those involved to exemplify these values in every step of the research process. Understanding the dynamics that support or distort practices that uphold the integrity of research by all participants ensures that the research enterprise advances knowledge. The 1992 report *Responsible Science: Ensuring the Integrity of the Research Process* evaluated issues related to scientific responsibility and the conduct of research. It provided a valuable service in describing and analyzing a very complicated set of issues, and has served as a crucial basis for thinking about research integrity for more than two decades. However, as experience has accumulated with various forms of research misconduct, detrimental research practices, and other forms of misconduct, as subsequent empirical research has revealed more about the nature of scientific misconduct, and because technological and social changes have altered the environment in which science is conducted, it is clear that the framework established more than two decades ago needs to be updated. *Responsible Science* served as a valuable benchmark to set the context for this most recent analysis and to help guide the committee's thought process. *Fostering Integrity in Research* identifies best practices in research and recommends practical options for discouraging and addressing research misconduct and detrimental research practices.

"The ongoing COVID-19 pandemic marks the most significant, singular global disruption since World War II, with health, economic, political, and security implications that will ripple for years to come." -*Global Trends 2040 (2021) Global Trends 2040-A More Contested World (2021)*, released by the US National Intelligence Council, is the latest report in its series of reports starting in 1997 about megatrends and the world's future. This report, strongly influenced by the COVID-19 pandemic, paints a bleak picture of the future and describes a contested, fragmented and turbulent world. It specifically discusses the four main trends that will shape tomorrow's world: - Demographics-by 2040, 1.4 billion people will be added mostly in Africa and South Asia. - Economics-increased government debt and concentrated economic power will escalate problems for the poor and middleclass. - Climate-a hotter world will increase water, food, and health insecurity. - Technology-the emergence of new technologies could both solve and cause problems for human life.

Students of trends, policymakers, entrepreneurs, academics, journalists and anyone eager for a glimpse into the next decades, will find this report, with colored graphs, essential reading.

The following book brings together international digitalization trends in different branches. Each chapter describes at first the trend in general, followed by cases from pioneering companies in the respective field. Selected relevant graphics illustrate the respective topic. In the interests of transparency, the summaries of the individual chapters precede this part of the book. The book with the selected industries, company examples and representations shows an excerpt from the development that industries are making in the area of digitization. Mit Beiträgen von: Vikas Chikmagalur

Maheshwarappa, Szu-Han Chen, Skolastika Grazia Esmeralda Tjahyadi, Ali Hijazi, Min Chin Lee, Roza Hakobyan, Sebastian Kallies, Duygu Caliskan

This original and panoramic book proposes that the underlying forces of demography and globalisation will shortly reverse three multi-decade global trends – it will raise inflation and interest rates, but lead to a pullback in inequality. “Whatever the future holds”, the authors argue, “it will be nothing like the past”. Deflationary headwinds over the last three decades have been primarily due to an enormous surge in the world’s available labour supply, owing to very favourable demographic trends and the entry of China and Eastern Europe into the world’s trading system. This book demonstrates how these demographic trends are on the point of reversing sharply, coinciding with a retreat from globalisation. The result? Ageing can be expected to raise inflation and interest rates, bringing a slew of problems for an over-indebted world economy, but is also anticipated to increase the share of labour, so that inequality falls. Covering many social and political factors, as well as those that are more purely macroeconomic, the authors address topics including ageing, dementia, inequality, populism, retirement and debt finance, among others. This book will be of interest and understandable to anyone with an interest on where the world’s economy may be going.

Globalization is increasing interconnectedness and is offering immense opportunities for businesses worldwide. Although it has been taking place for hundreds of years, it has sped up enormously over the last half-century, increasing international trade, greater dependence on the global economy, and freer movement of capital, goods, and services. While globalization can create opportunities for wealth in emerging economies, it still cannot completely close the gap between the world’s poorest countries and the world’s richest. Many view globalization as a threat to cultural diversity, believing that it can drown out local economies, traditions, and languages and make travel to certain regions less desirable. Neoliberalism in the Tourism and Hospitality Sector provides innovative insights into the adoption of glocalization as a measure to mitigate the threats posed by globalization within the travel and tourism industries. It is designed for policymakers, researchers, government officials, and marketers considering glocalization as a means to sustain the relevancy of local business and trade.

International Sport Management is the first comprehensive textbook devoted to the organization, governance, business activities, and cross-cultural context of modern sport on an international level. As the sport industry continues its global expansion, this textbook serves as an invaluable guide for readers as they build careers that require an international understanding of the relationships, influences, and responsibilities in sport management. Through a systematic presentation of topics and issues in international sport, this textbook offers a long-overdue guide for students in this burgeoning subfield in sport management. Editors Li, MacIntosh, and Bravo have assembled contributors from all corners

of the globe to present a truly international perspective on the topic. With attention to diversity and multiple viewpoints, each chapter is authored by distinguished academics and practitioners in the field. A foreword by esteemed sport management scholar Dr. Earle Zeigler emphasizes the importance of a dedicated study of the issues in international sport management. All chapters in the text use a global perspective to better showcase how international sport operates in various geopolitical environments and cultures. The text is arranged in five parts, each serving a unique purpose:

- To outline the issues associated with international sport management
- To examine sport using a unique perspective that emphasizes its status as a global industry
- To introduce the structure of governance in international sport
- To examine the management essentials in international sport
- To apply these strategies in the business segments of sport marketing, sport media and information technology, sport facilities and design, sport event management, and sport tourism

Written to engage students, International Sport Management contains an array of learning aids to assist with comprehension of the material. It includes case studies and sidebars that apply the concepts to real-world situations and demonstrate the varied issues, challenges, and opportunities affecting sport management worldwide. Chapter objectives, key terms, learning activities, summaries, and discussion questions guide learning in this wide-ranging subject area. In addition, extensive reference sections support the work of practitioners in the field. With International Sport Management, both practicing and future sport managers can develop an increased understanding of the range of intercultural competencies necessary for success in the field. Using a framework of strategic and total-quality management, the text allows readers to examine global issues from an ethical perspective and uncover solutions to complex challenges that sport managers face. With this approach, readers will learn how to combine business practices with knowledge in international sport to lead their current and future careers. International Sport Management offers readers a multifaceted view of the issues, challenges, and opportunities in international sport management as well as the major functional areas that govern international sport. The text provides students, academics, and practitioners with critical insights into the practice of business as it applies to international sport.

The NTCA conference series is dedicated to publishing peer-reviewed proceedings of the conference. The goal is to disseminate state-of-the-art scientific results available in the domain of civil aviation. These proceedings contain a collection of scientific contributions to the NTCA 2017 conference, which took place in Prague from 7-8 December 2017 and was hosted by the Department of Air Transport, Czech Technical University in Prague with the cooperation of the Faculty of Aeronautics, Technical University of Košice; Institute of Aerospace Engineering, Brno University of Technology; Air Transport Department, University of Žilina, and the Czech Aerospace Society. The NTCA conference aims to build and extend a platform for interaction between communities interested in aviation problems and applications.

NTCA 2017 followed this established practice and provided room for discussing and sharing views on the current issues in the field of aviation. As a result, these proceedings include contributions on air transport operations, air traffic management and economic aspects, aviation safety and security, aircraft technologies, unmanned aerial systems, human factors and ergonomics in aviation.

From wood to coal to oil and gas, the sources of energy on which civilization depends have always changed as technology advances. Now renewables are overtaking fossil fuels, with wind and solar energy becoming cheaper and more competitive every year. Growth in renewable energy will further accelerate as electric vehicles become less expensive than traditional automobiles. Understanding the implications of the energy transition will prepare us for the many changes ahead. This book is a primer for readers of all levels on the coming energy transition and its global consequences. Bruce Usher provides a concise yet comprehensive explanation for the extraordinary growth in wind and solar energy; the trajectory of the transition from fossil fuels to renewables; and the implications for industries, countries, and the climate. Written in a straightforward style with easy-to-understand visual aids, the book illuminates the strengths and weaknesses of renewable energy based on business fundamentals and analysis of the economic forces that have given renewables a tailwind. Usher dissects the winners and losers, illustrating how governments and businesses with a far-sighted approach will reap long-term benefits while others will trail behind. Alongside the business and finance case for renewable energy, he provides a timely illustration of the threat of catastrophic climate change and the perils of delay. A short and powerful guide to our energy present and future, this book makes it clear that, from both economic and environmental perspectives, there is no time to lose.

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