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Foreign Business in China and Opportunities for Technological Innovation and Sustainable Economics

Library and Information Science in the Age of MOOCs

Engineering

Principles, Planning, Applications, Solutions

Proceedings of the 13th International Marine Design Conference (IMDC 2018), June 10-14, 2018, Helsinki, Finland

First International Conference, FTNCT 2018, Solan, India, February 9-10, 2018, Revised Selected Papers

The Changing Face of Corruption in the Asia Pacific

The Nordic Model and Beyond

Bibliography of Scientific and Industrial Reports

Affective Learning in Digital Education

Communication Technologies for Vehicles

From Theory to Practice

The Power

Nordic Green to Scale for Cities and Communities: How far could we go simply by

scaling up already proven climate solutions?

Bodies of Information

Emerging Trends, Issues, and Challenges in the Brazilian Technology, Volume 1

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Current Perspectives and Future Challenges

Werner Von Siemens, 1816-1892

Beton-Kalender 2018

Information and Knowledge Organisation in Digital Humanities

Electrical Drives

The Electrical Journal

Principles and Applications of Narrowband Internet of Things (NBloT)

The Future is Smart

World Internet Development Report 2017

Untangling Smart Cities

Schwerpunkte: Instandsetzung

Information Literacy in Everyday Life

Realizing the Circular Advantage

Marine Design XIII, Volume 1

6th European Conference, ECIL 2018, Oulu, Finland, September 24-27, 2018,

Revised Selected Papers

Ship Dynamics for Performance Based Design and Risk Averse Operations
The Circular Economy Handbook
Futuristic Trends in Network and Communication Technologies
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An All Hazards Approach to Critical Infrastructure
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Foreign Business in China and
Opportunities for Technological
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IGI Global

Online education plays an important role across numerous industries. These processes and strategies can be adopted into the library and information science

programs for use in assisting with educational developments. Library and Information Science in the Age of MOOCs is a critical scholarly resource that explores the ideas on how library and information science professionals implement the use of massive open online courses in the library and information science domain. Featuring coverage on a broad range of topics, such as distance learning, technology enhanced learning, and online learning,

this book is geared towards academicians, librarians, and researchers seeking current research on solving problems related to massive open online courses.

Library and Information Science in the Age of MOOCs Routledge

A necessary volume of essays working to decolonize the digital humanities Often conceived of as an all-inclusive “big tent,” digital humanities has in fact been troubled by a lack of perspectives beyond Westernized and Anglophone contexts and assumptions. This latest collection in the Debates in the Digital Humanities series seeks to address this deficit in the field. Focused on thought and work that has been underappreciated for linguistic, cultural, or geopolitical reasons, contributors

showcase alternative histories and perspectives that detail the rise of the digital humanities in the Global South and other “invisible” contexts and explore the implications of a globally diverse digital humanities. Advancing a vision of the digital humanities as a space where we can reimagine basic questions about our cultural and historical development, this volume challenges the field to undertake innovation and reform. Contributors: Maria José Afanador-Llach, U de los Andes, Bogotá; Maira E. Álvarez, U of Houston; Purbasha Auddy, Jadavpur U; Diana Barreto Ávila, U of British Columbia; Deepti Bharthur, IT for Change; Sayan Bhattacharyya, Singapore U of Technology and Design; Anastasia Bonch-Osmolovskaya, National

Research U Higher School of Economics; Jing Chen, Nanjing U; Carlton Clark, Kazimieras Simonavičius U, Vilnius; Carolina Dalla Chiesa, Erasmus U, Rotterdam; Gimena del Rio Riande, Institute of Bibliographic Research and Textual Criticism; Leonardo Foletto, U of São Paulo; Rahul K. Gairola, Murdoch U; Sofia Gavrilova, Leibniz Institute for Regional Geography; Andre Goodrich, North-West U; Anita Gurumurthy, IT for Change; Aliz Horvath, Eötvös Loránd U; Igor Kim, Russian Academy of Sciences; Inna Kizhner, Siberian Federal U; Cédric Leterme, Tricontinental Center; Andres Lombana-Bermudez, Pontificia, U Javeriana, Bogotá; Lev Manovich, City U of New York; Itay Marienberg-Milikowsky, Ben-Gurion U of the Negev; Maciej Maryl, Polish Academy of Sciences; Nirmala

Menon, Indian Institute of Technology, Indore; Boris Orekhov, National Research U Higher School of Economics; Ernesto Priego, U of London; Sylvia Fernández Quintanilla, U of Kansas; Nuria Rodríguez-Ortega, U of Málaga; Steffen Roth, U of Turku; Dibyadyuti Roy, Indian Institute of Technology, Jodhpur; Maxim Rumyantsev, Siberian Federal U; Puthiya Purayil Sneha, Centre for Internet and Society, Bengaluru; Juan Steyn, South African Centre for Digital Language Resources; Melissa Terras, U of Edinburgh; Ernesto Miranda Trigueros, U of the Cloister of Sor Juana; Lik Hang Tsui, City U of Hong Kong; Tim Unwin, U of London; Lei Zhang, U of Wisconsin-La Crosse.

Engineering IGI Global Green to Scale is a series of analysis

projects that have highlighted the potential of scaling up existing climate solutions. Nordic Green to Scale for Cities and Communities analyses proven climate solutions from Nordic cities and municipalities. This report presents the emission reduction potential of 14 selected solutions. The study highlights the costs, savings and co-benefits of implementing the solutions as well as makes policy recommendations for capturing the potential. The project was carried out by the Finnish Innovation Fund Sitra, together with its partners CICERO, CONCITO, Stockholm Environment Institute, Institute of Sustainability Studies at the University of Iceland and C40 Cities. The project is part of the Nordic Council of Ministers' Prime Ministers' Initiative Nordic

Solutions to Global Challenges.

Principles, Planning, Applications, Solutions CRC Press

From the point of view of a user this book covers all aspects of modern electrical drives. It is aimed at both users, who wish to understand, design, use, and maintain electrical drives, as well as specialists, technicians, engineers, and students, who wish to gain a comprehensive overview of electrical drives. Jens Weidauer and Richard Messer describe the principles of electrical drives, their design, and application, through to complex automation solutions. In the process, they introduce the entire spectrum of drive solutions available and their main applications. A special aspect is the combination of multiple drives to form a

drive system, as well as the integration of drives into automation solutions. In simple and clear language, and supported with many diagrams, complex relationships are described and presented in an easy-to-understand way. The authors deliberately avoid a comprehensive mathematical treatment of their subject and instead focus on a coherent description of the active principles and relationships. As a result, the reader will be in a position to understand electrical drives as a whole and to solve drive-related problems in everyday professional life.

Proceedings of the 13th International Marine Design Conference (IMDC 2018), June 10-14, 2018, Helsinki, Finland

Measurement and Safety

In today's modernized market, many

fields are utilizing internet technologies in their everyday methods of operation. The industrial sector is no different as these technological solutions have provided several benefits including reduction of costs, scalability, and efficiency improvements. Despite this, cyber security remains a crucial risk factor in industrial control systems. The same public and corporate solutions do not apply to this specific district because these security issues are more complex and intensive. Research is needed that explores new risk assessment methods and security mechanisms that professionals can apply to their modern technological procedures. Cyber Security of Industrial Control Systems in the Future Internet Environment is a pivotal reference source that provides vital

research on current security risks in critical infrastructure schemes with the implementation of information and communication technologies. While highlighting topics such as intrusion detection systems, forensic challenges, and smart grids, this publication explores specific security solutions within industrial sectors that have begun applying internet technologies to their current methods of operation. This book is ideally designed for researchers, system engineers, managers, networkers, IT professionals, analysts, academicians, and students seeking a better understanding of the key issues within securing industrial control systems that utilize internet technologies.

First International Conference, FTNCT

2018, Solan, India, February 9-10, 2018, Revised Selected Papers U of Minnesota Press

A wide-ranging, interconnected anthology presents a diversity of feminist contributions to digital humanities. In recent years, the digital humanities has been shaken by important debates about inclusivity and scope—but what change will these conversations ultimately bring about? Can the digital humanities complicate the basic assumptions of tech culture, or will this body of scholarship and practices simply reinforce preexisting biases? *Bodies of Information* addresses this crucial question by assembling a varied group of leading voices, showcasing feminist contributions to a panoply of topics, including ubiquitous

computing, game studies, new materialisms, and cultural phenomena like hashtag activism, hacktivism, and campaigns against online misogyny. Taking intersectional feminism as the starting point for doing digital humanities, *Bodies of Information* is diverse in discipline, identity, location, and method. Helpfully organized around keywords of materiality, values, embodiment, affect, labor, and situatedness, this comprehensive volume is ideal for classrooms. And with its multiplicity of viewpoints and arguments, it's also an important addition to the evolving conversations around one of the fastest growing fields in the academy. Contributors: Babalola Titilola Aiyegbusi, U of Lethbridge; Moya Bailey, Northeastern U; Bridget Blodgett,

U of Baltimore; Barbara Bordalejo, KU Leuven; Jason Boyd, Ryerson U; Christina Boyles, Trinity College; Susan Brown, U of Guelph; Lisa Brundage, CUNY; micha cárdenas, U of Washington Bothell; Marcia Chatelain, Georgetown U; Danielle Cole; Beth Coleman, U of Waterloo; T. L. Cowan, U of Toronto; Constance Crompton, U of Ottawa; Amy E. Earhart, Texas A&M; Nickoal Eichmann-Kalwara, U of Colorado Boulder; Julia Flanders, Northeastern U Library; Sandra Gabriele, Concordia U; Brian Getnick; Karen Gregory, U of Edinburgh; Alison Hedley, Ryerson U; Kathryn Holland, MacEwan U; James Howe, Rutgers U; Jeana Jorgensen, Indiana U; Alexandra Juhasz, Brooklyn College, CUNY; Dorothy Kim, Vassar College; Kimberly Knight, U of Texas,

Dallas; Lorraine Janzen Kooistra, Ryerson U; Sharon M. Leon, Michigan State; Izzetta Autumn Mobley, U of Maryland; Padmini Ray Murray, Srishti Institute of Art, Design, and Technology; Veronica Paredes, U of Illinois; Roopika Risam, Salem State; Bonnie Ruberg, U of California, Irvine; Laila Shereen Sakr (VJ Um Amel), U of California, Santa Barbara; Anastasia Salter, U of Central Florida; Michelle Schwartz, Ryerson U; Emily Sherwood, U of Rochester; Deb Verhoeven, U of Technology, Sydney; Scott B. Weingart, Carnegie Mellon U.

The Changing Face of Corruption in the Asia Pacific CRC Press

The Instrument and Automation Engineers' Handbook (IAEH) is the #1 process automation handbook in the world. Volume one of the Fifth Edition,

Measurement and Safety, covers safety sensors and the detectors of physical properties. Measurement and Safety is an invaluable resource that: Describes the detectors used in the measurement of process variables Offers application- and method-specific guidance for choosing the best measurement device Provides tables of detector capabilities and other practical information at a glance Contains detailed descriptions of domestic and overseas products, their features, capabilities, and suppliers, including suppliers' web addresses Complete with 163 alphabetized chapters and a thorough index for quick access to specific information, Measurement and Safety is a must-have reference for instrument and automation engineers working in the chemical,

oil/gas, pharmaceutical, pollution, energy, plastics, paper, wastewater, food, etc. industries. About the eBook The most important new feature of the IAEH, Fifth Edition is its availability as an eBook. The eBook provides the same content as the print edition, with the addition of thousands of web addresses so that readers can reach suppliers or reference books and articles on the hundreds of topics covered in the handbook. This feature includes a complete bidders' list that allows readers to issue their specifications for competitive bids from any or all potential product suppliers.

The Nordic Model and Beyond

Springer Nature

Information and Knowledge Organisation explores the role of knowledge

organisation in the digital humanities. By focusing on how information is described, represented and organised in both research and practice, this work furthers the transdisciplinary nature of digital humanities. Including contributions from Asia, Australia, Europe, North America and the Middle East, the volume explores the potential uses of, and challenges involved in, applying the organisation of information and knowledge in the various areas of Digital Humanities. With a particular focus on the digital worlds of cultural heritage collections, the book also includes chapters that focus on machine learning, knowledge graphs, text analysis, text annotations and network analysis. Other topics covered include: semantic technologies, conceptual

schemas and data augmentation, digital scholarly editing, metadata creation, browsing, visualisation and relevance ranking. Most importantly, perhaps, the book provides a starting point for discussions about the impact of information and knowledge organisation and related tools on the methodologies used in the Digital Humanities field. *Information and Knowledge Organisation* is intended for use by researchers, students and professionals interested in the role information and knowledge organisation plays in the Digital Humanities. It will be essential reading for those working in library and information science, computer science and across the humanities. The Open Access version of this book, available at www.taylorfrancis.com, has been made

available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license. [Bibliography of Scientific and Industrial Reports](#) Nordic Council of Ministers Productivity remains the critical determinant of long-term national growth and prosperity. The effects of today's globalism on productivity demands the need for business organizations to sustain their competitive advantage and remain profitable over time. *Foreign Business in China and Opportunities for Technological Innovation and Sustainable Economics* is a collection of research used to demonstrate state-of-the-art approaches of international business and innovation management that shows how new, advanced,

international business models and adoptive strategies can expand the sustainability frontiers. This publication serves as a leading reference source on Chinese business, technology, economy, and innovation, and facilitates necessary skills needed to engage with business in or with China. While highlighting topics including e-commerce, foreign trade, and global business, individuals such as students, educators, international business experts, and innovation experts can expand their technical knowledge in the global economy.

Affective Learning in Digital Education U of Minnesota Press

The internet of things (IoT) has emerged as a trending technology that is continually being implemented into various practices within the field of

engineering and science due to its versatility and various benefits. Despite the levels of innovation that IoT provides, researchers continue to search for networks that maintain levels of sustainability and require fewer resources. A network that measures up to these expectations is Narrowband IoT (NBLoT), which is a low power wide area version of IoT networks and is suitable for larger projects. Engineers and other industry professionals are in need of in-depth knowledge on this growing technology and its various applications. Principles and Applications of Narrowband Internet of Things (NBLoT) is an essential reference source that provides an in-depth understanding on the recent advancements of NBLoT as well as the crucial roles of emerging low

power IoT networks in various regions of the world. Featuring research on topics such as security monitoring, sustainability, and cloud infrastructure, this book is ideally designed for developers, engineers, practitioners, researchers, students, managers, and policymakers seeking coverage on the large-scale deployment and modern applications of NBloT.

Communication Technologies for Vehicles John Wiley & Sons

This book constitutes the refereed post-conference proceedings of the 6th European Conference on Information Literacy, ECIL 2018, held in Oulu, Finland, in September 2018. The 58 revised papers included in this volume were carefully reviewed and selected from 241 submissions. The papers cover

a wide range of topics in the field of information literacy and focus on information literacy in everyday life. They are organized in the following topical sections: information literacy in different contexts of everyday life; information literacy, active citizenship and community engagement; information literacy, health and well-being; workplace information literacy and employability; information literacy research and information literacy in theoretical context; information seeking and information behavior; information literacy for different groups in different cultures and countries; information literacy for different groups in different cultures and countries; information literacy instruction; information literacy and aspects of education; data literacy

and research data management;
copyright literacy; information literacy
and lifelong learning.

From Theory to Practice Gale / Cengage
Learning

What would happen if women suddenly
possessed a fierce new power? "The
Power is our era's *The Handmaid's Tale*."
--Ron Charles, *Washington Post*

****WINNER OF THE BAILEYS WOMEN'S
PRIZE FOR FICTION**** One of the New
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Review Editors' Choice An Amazon Best
Book of the Year "Alderman's writing is
beautiful, and her intelligence seems
almost limitless. She also has a pitch-
dark sense of humor that she wields
perfectly." --Michael Schaub, NPR In *THE
POWER*, the world is a recognizable
place: there's a rich Nigerian boy who
lounges around the family pool; a foster
kid whose religious parents hide their
true nature; an ambitious American
politician; a tough London girl from a
tricky family. But then a vital new force
takes root and flourishes, causing their
lives to converge with devastating effect.
Teenage girls now have immense
physical power--they can cause
agonizing pain and even death. And,

with this small twist of nature, the world drastically resets. From award-winning author Naomi Alderman, *THE POWER* is speculative fiction at its most ambitious and provocative, at once taking us on a thrilling journey to an alternate reality, and exposing our own world in bold and surprising ways.

The Power CRC Press

As a movement, transhumanism aims to upgrade the human body through science, constantly pushing back the limits of a person by using cutting-edge technologies to fix the human body and upgrade it beyond its natural abilities. Transhumanism can not only change human habits, but it can also change learning practices. By improving human learning, it improves the human organism beyond natural and biological

limits. The Handbook of Research on Learning in the Age of Transhumanism is an essential research publication that discusses global values, norms, and ethics that relate to the diverse needs of learners in the digital world and addresses future priorities and needs for transhumanism. The book will identify and scrutinize the needs of learners in the age of transhumanism and examine best practices for transhumanist leaders in learning. Featuring topics such as cybernetics, pedagogy, and sociology, this book is ideal for educators, trainers, instructional designers, curriculum developers, professionals, researchers, academicians, policymakers, and librarians.

Nordic Green to Scale for Cities and Communities: How far could we go

simply by scaling up already proven climate solutions? Springer

An important outcome of the Fourth World Internet Conference, this book provides a comprehensive account of the status quo and trends in global Internet development. Covering network infrastructure, information technology, digital economy, e-governance, cyber security, and international cyberspace governance, it presents the Global Internet Development Index System to assess the Internet development of various major countries and emerging economies.

Bodies of Information Springer

Untangling Smart Cities: From Theory to Practice helps all key stakeholders understand the complex and often conflicting nature of smart city research,

offering valuable insights for designing and implementing strategies to improve the smart city decision-making processes. The book drives the reader to a better theoretical and practical comprehension of smart city development, beginning with a thorough and systematic analysis of the research literature published to date. The book provides an in-depth understanding of the entire smart city knowledge domain, revealing a deeply rooted division in its cognitive-epistemological structure as identified by bibliometric insights. Untangling Smart Cities fills the knowledge gap between theory and practice using case study research, with empirical evidence drawn from cities considered leaders in innovative smart city practices. An invaluable contribution

to the growing scientific literature, *Untangling Smart Cities* provides an accurate and deep understanding of the strategic principles driving smart city development. Provides clarity on the smart city concepts and strategies
 Provides a systematic literature analysis on the state-of-the-art of Smart Cities research using bibliometrics combined with practical application to guide smart systems implementation Offers a comprehensive and systematic analysis of Smart Cities research produced during its first three decades, driven by statistical analysis techniques Generates a strong connection between theory and practice by providing the scientific knowledge necessary to approach the complex nature of Smart Cities sourced from the analysis of actual best practices

Documents five main development pathways for smart cities development, serving the needs of city managers and policy makers with concrete advice and guidance

Emerging Trends, Issues, and Challenges in the Brazilian Technology, Volume 1
 Frontiers Media SA

More than a century and half ago, William Froude and his son Robert [1,2] conducted the first scientifically designed towing tank experiments using scaled ship models traveling in calm water or waves. Since then, advances in mathematics and technology have led to the development of various methods for the assessment of the dynamic behavior of ships. Yet, as we enter the 2nd decade of the 21st century the advent of goal-based regulations and the

emergence of safe and sustainable shipping standards still confront our ability to understand the fundamentals and assure absolute ship safety in design and operations. To instigate renewed interest in the well-rehearsed subject of ship dynamics this Special Issue presents a collection of 12 high-quality research contributions with a focus on the prediction and analysis of the dynamic behavior of ships in a stochastic environment. The papers presented are co-authored by leading subject matter experts from Europe, the Far East, and the USA. These papers will be of interest to academics, practitioners, and regulators involved in the progression of ship science, technical services, and safety standards. Seibt Export Catalogue ... Springer

Nature

This book presents the proceedings of the 5th Edition of the Brazilian Technology Symposium (BTSym). This event brings together researchers, students and professionals from the industrial and academic sectors, seeking to create and/or strengthen links between issues of joint interest, thus promoting technology and innovation at nationwide level. The BTSym facilitates the smart integration of traditional and renewable power generation systems, distributed generation, energy storage, transmission, distribution and demand management. The areas of knowledge covered by the event are Smart Designs, Sustainability, Inclusion, Future Technologies, IoT, Architecture and Urbanism, Computer Science,

Information Science, Industrial Design, Aerospace Engineering, Agricultural Engineering, Biomedical Engineering, Civil Engineering, Control and Automation Engineering, Production Engineering, Electrical Engineering, Mechanical Engineering, Naval and Oceanic Engineering, Nuclear Engineering, Chemical Engineering, Probability and Statistics.

Current Perspectives and Future Challenges John Wiley & Sons

Can we align global production and consumption systems with sustainability? Can business growth actually lead to a healthier planet? Can companies innovate through the circular economy to create competitive advantage and genuine impact? Waste to Wealth proved that the emerging

circular economy advantage exists - now Lacy, Long and Spindler show you how to realize it at speed and scale in *The Circular Economy Handbook*. We stand at a crossroads, with rising geopolitical and geo-economic tensions, massive technological change and a host of social and environmental challenges. We are pushing planetary boundaries to their limits, with climate change and threats to biodiversity and oceans as just a few examples. Significant impacts are already being felt, and both people and planet face potentially catastrophic and irreversible consequences if we don't urgently change our global model and systems. Our current linear "take, make, waste" models of production and consumption will not be sustainable in a world of some 9 billion people by 2050,

especially with ever-expanding rates of consumption. Thriving within these dynamics demands more than incremental adjustments to business-as-usual. The circular economy offers a powerful means to decouple growth from use of scarce and harmful resources, enabling greater production and consumption with fewer negative environmental impacts—at the same time, making companies more innovative and competitive. In fact, this book shows that \$4.5 trillion in economic value is at stake. Delivering on the promise of a circular economy demands impact and scale, extending through value chains and, ultimately, disrupting the entire economic system. In *The Circular Economy Handbook*, the authors illuminate the path from insight to

action, from linear to circular. With case studies, advice and practical guidance, they show leaders how to pivot towards a holistic circular organization, embedding circularity internally and delivering broad-based system change. With unique insights across business models, technologies, and industries – featuring stories and real-world examples from circular pioneers – this book is the essential guide to help companies become leaders in the movement to secure the circular economy advantage.

Springer

This interdisciplinary book is written for government and industry professionals who need a comprehensive, accessible guide to modern energy security. Introducing the ten predominant energy

types, both renewable and non-renewable, the book illustrates the modern energy landscape from a geopolitical, commercial, economic and technological perspective. Energy is presented as the powerhouse of global economic activities. To ensure the uninterrupted supply of energy, nations, industries and consumers need to have options. Efficient energy security planning ensures that when a primary energy source is depleted, compromised or interrupted, an alternative energy source must be readily available. For this reason, the foundations of energy security are built upon the five pillars of Sustainability, Independence, Efficiency, Affordability and Accessibility. The numerous case studies presented in this book demonstrate that energy security

may be compromised in the absence of one out of these five ingredients. The book also entertains the Triple-E notion of Energy Efficiency, Environmental integrity and Economies of scale, used by governments and corporations for energy optimization. One of the key strengths of the book is its ability effectively to cover various scientific disciplines, and several energy types, while remaining comprehensible. This book will be of much interest to security or logistics professionals, economists and engineers, as well as policymakers. *Werner Von Siemens, 1816-1892* John Wiley & Sons
This book constitutes the refereed proceedings of the First International Conference on Futuristic Trends in Network and Communication

Technologies, FTNCT 2018, held in Solan, India, in February 2018. The 37 revised full papers presented were carefully reviewed and selected from 239 submissions. The prime aim of the conference is to invite researchers from different domains of network and

communication technologies to a single platform to showcase their research ideas. The selected papers are organized in topical sections on communication technologies, Internet of Things (IoT), network technologies, and wireless networks.

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