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Computational Science and Its Applications - ICCSA 2007 - Osvaldo Gervasi 2007-08-29
This three-volume set constitutes the refereed proceedings of the International Conference on Computational Science and its Applications. These volumes feature outstanding papers that present a wealth of original research results in the field of computational science, from foundational issues in computer science and mathematics to advanced

applications in almost all sciences that use computational techniques.

Intelligent Systems Technologies and Applications - Sabu M. Thampi 2017-10-20

This book constitutes the thoroughly refereed post-conference proceedings of the third International Symposium on Intelligent Systems Technologies and Applications (ISTA'17), September 13-16, 2017, Manipal, Karnataka, India. All submissions were evaluated on the basis of their

significance, novelty, and technical quality. This proceedings contains 34 papers selected for presentation at the Symposium.

Intelligent Software Methodologies, Tools and Techniques - Hamido Fujita
2015-05-06

This book constitutes the best papers selection from the proceedings of the 13th International Conference on Intelligent Software Methodologies, Tools and Techniques, SoMeT 2014, held in Langkawi, Malaysia, in September 2014. The 27 full papers presented were carefully reviewed, thoroughly revised or enlarged, and selected as best papers from the 79 published proceedings papers, which had originally been selected from 192 submissions. The papers are organized in topical sections on artificial intelligence techniques in software engineering; requirement engineering, high-assurance system; intelligent software systems design; creative and

arts in interactive software design; software methodologies for reliable software design; software quality and assessment for business enterprise; software analysis and performance model; software applications systems. Information Resources in Toxicology - Steve Gilbert
2020-05-15

This new fifth edition of Information Resources in Toxicology offers a consolidated entry portal for the study, research, and practice of toxicology. Both volumes represents a unique, wide-ranging, curated, international, annotated bibliography, and directory of major resources in toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. The editors and authors are among the leaders of the profession sharing their cumulative wisdom in toxicology's subdisciplines. This edition keeps pace with the digital world in directing and linking readers to relevant

websites and other online tools. Due to the increasing size of the hardcopy publication, the current edition has been divided into two volumes to make it easier to handle and consult. Volume 1: Background, Resources, and Tools, arranged in 5 parts, begins with chapters on the science of toxicology, its history, and informatics framework in Part 1. Part 2 continues with chapters organized by more specific subject such as cancer, clinical toxicology, genetic toxicology, etc. The categorization of chapters by resource format, for example, journals and newsletters, technical reports, organizations constitutes Part 3. Part 4 further considers toxicology's presence via the Internet, databases, and software tools. Among the miscellaneous topics in the concluding Part 5 are laws and regulations, professional education, grants and funding, and patents. Volume 2: The Global Arena offers contributed chapters focusing on the toxicology contributions of over

40 countries, followed by a glossary of toxicological terms and an appendix of popular quotations related to the field. The book, offered in both print and electronic formats, is carefully structured, indexed, and cross-referenced to enable users to easily find answers to their questions or serendipitously locate useful knowledge they were not originally aware they needed. Among the many timely topics receiving increased emphasis are disaster preparedness, nanotechnology, -omics, risk assessment, societal implications such as ethics and the precautionary principle, climate change, and children's environmental health. Opens with an overview of the international toxicology scene, organizations and activities involved with both the science and regulatory framework, and a specific look at the European Union's efforts. Offers an extensive collection of chapters covering over 40 countries and their toxicological infrastructure which includes listings of major books and

journals, organizations, professional societies, universities, poison control centers, legislation, and online databases. Provides the Second Edition of the International Union of Pure and Applied Chemistry's Glossary of Terms Used in Toxicology, a carefully constructed and peer reviewed collation of critical terms in the science. Concludes with a potpourri of quotes concerning toxicology and their use in the arts and popular culture. Paired with Volume One, which offers chapters on a host of toxicology sub-disciplines, this set offers the most comprehensive compendium of print, digital, and organizational resources in the toxicological sciences with over 120 chapters contributions by experts and leaders in the field.

Current Trends and Future Developments on (Bio-) Membranes

- Angelo Basile
2018-06-15

Current Trends and Future Developments on (Bio-) Membranes: Photocatalytic Membranes and Photocatalytic

Membrane Reactors offers a comprehensive review on the state-of-the-art in the area of PMs and PMRs. The book gives an overview of the basis of photocatalysis and membrane separation and the basic aspects of photocatalytic membranes and photocatalytic membrane reactors, along with their applications, modeling, and the economic aspects of PMs and PMRs. The book addresses the main issues associated with PMRs design and tries to predict how long it will be before laboratory scale models can be scaled to the PMR industry. Reviews new hybrid separation techniques based on photocatalysis and membranes Offers a detailed description of the various photocatalytic membrane reactors and their function Includes new membrane based separation techniques for the removal of emerging contaminants from water, such as pharmaceutical and personal care products Discusses numerous reactor configurations and various membrane materials for

photocatalytic membranes
Includes the modeling and
economic aspects of various
processes

*Bioresources Technology in
Sustainable Agriculture -*

Mohamad Faiz Foong Abdullah
2018-01-31

This book focuses on cutting-edge advances and applications in tropical agriculture and bioresources. It outlines some of the newest advances, basic tools, and the applications of novel approaches to improve agricultural practices and utilization of bioresources for the enhancement of human life. Highlights include a thorough discussion on various aspects of agricultural modernization through technological advances in information technology, efficient utilization of under-exploited natural bioresources, new chemical approaches for the generation of novel biochemicals, and the applications of forensic and genetics approaches for bioresource conservation.

Proceedings of the Third
International Conference on
Computing, Mathematics and

Statistics (iCMS2017) - Liew-
Kee Kor 2019-03-27

This book is a product of the Third International Conference on Computing, Mathematics and Statistics (iCMS2017) to be held in Langkawi in November 2017. It is divided into four sections according to the thrust areas: Computer Science, Mathematics, Statistics, and Multidisciplinary Applications. All sections sought to confront current issues that society faces today. The book brings collectively quantitative, as well as qualitative, research methods that are also suitable for future research undertakings. Researchers in Computer Science, Mathematics and Statistics can use this book as a sourcebook to enrich their research works.

Advanced Nanoelectronics -
Razali Ismail 2012-12-17

While theories based on classical physics have been very successful in helping experimentalists design microelectronic devices, new approaches based on quantum mechanics are required to

accurately model nanoscale transistors and to predict their characteristics even before they are fabricated. Advanced Nanoelectronics provides research information on advanced nanoelectronics concepts, with a focus on modeling and simulation. Featuring contributions by researchers actively engaged in nanoelectronics research, it develops and applies analytical formulations to investigate nanoscale devices. The book begins by introducing the basic ideas related to quantum theory that are needed to better understand nanoscale structures found in nanoelectronics, including graphenes, carbon nanotubes, and quantum wells, dots, and wires. It goes on to highlight some of the key concepts required to understand nanotransistors. These concepts are then applied to the carbon nanotube field effect transistor (CNTFET). Several chapters cover graphene, an unzipped form of CNT that is the recently discovered allotrope of carbon

that has gained a tremendous amount of scientific and technological interest. The book discusses the development of the graphene nanoribbon field effect transistor (GNRFET) and its use as a possible replacement to overcome the CNT chirality challenge. It also examines silicon nanowire (SiNW) as a new candidate for achieving the downscaling of devices. The text describes the modeling and fabrication of SiNW, including a new top-down fabrication technique. Strained technology, which changes the properties of device materials rather than changing the device geometry, is also discussed. The book ends with a look at the technical and economic challenges that face the commercialization of nanoelectronics and what universities, industries, and government can do to lower the barriers. A useful resource for professionals, researchers, and scientists, this work brings together state-of-the-art technical and scientific

information on important topics in advanced nanoelectronics.

Outcome-Based Science, Technology, Engineering, and Mathematics Education:

Innovative Practices - Yusof, Khairiyah Mohd 2012-06-30 "This book provides insights into initiatives that enhance student learning and contribute to improving the quality of undergraduate STEM education"--Provided by publisher.

Hospitality and Tourism -

Norzuwana Sumarjan
2013-11-18

Hospitality and Tourism - Synergizing creativity and innovation in research contains 116 accepted papers from the International Hospitality and Tourism Postgraduate Conference 2013 (Shah Alam, Malaysia, 2-3 September 2013). The book presents trends and practical ideas in the area of hospitality and tourism, and is divided into the sections below: - Hospitality and tourism management - Hospitality and tourism marketing - Current trends in

hospitality & tourism -

Technology, advancement and innovation in hospitality and tourism - Green hospitality and tourism - Food service and food safety - Relevant areas in hospitality and tourism
Hospitality and Tourism - Synergizing creativity and innovation in research will be useful to postgraduate students, academia and professionals involved in the area of hospitality and tourism.

Recent Trends in Data Science and Soft Computing

- Faisal Saeed 2018-09-08

This book presents the proceedings of the 3rd International Conference of Reliable Information and Communication Technology 2018 (IRICT 2018), which was held in Kuala Lumpur, Malaysia, on July 23-24, 2018. The main theme of the conference was "Data Science, AI and IoT Trends for the Fourth Industrial Revolution."

A total of 158 papers were submitted to the conference, of which 103 were accepted and considered for publication in this book. Several hot research

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topics are covered, including Advances in Data Science and Big Data Analytics, Artificial Intelligence and Soft Computing, Business Intelligence, Internet of Things (IoT) Technologies and Applications, Intelligent Communication Systems, Advances in Computer Vision, Health Informatics, Reliable Cloud Computing Environments, Recent Trends in Knowledge Management, Security Issues in the Cyber World, and Advances in Information Systems Research, Theories and Methods.

Soft Computing in Data Science - Azlinah Mohamed
2021-10-28

This book constitutes the refereed proceedings of the 6th International Conference on Soft Computing in Data Science, SCDS 2021, which was held virtually in November 2021. The 31 revised full papers presented were carefully reviewed and selected from 79 submissions. The papers are organized in topical sections on AI techniques and applications; data analytics and

technologies; data mining and image processing; machine & statistical learning.

Engineering and Technical Development for a Sustainable Environment -

Dzaraini Kamarun 2017-11-23

This volume covers a diverse array of alternative technologies and their development with particular attention to the utilization of bioresources for the achievement of a sustainable environment. The book presents a selection of alternative technologies being used in developing and developed countries that can be indigenous to the region, cost-effective, and often driven by dominant societal interest and geographical status. Several engineering and technological processes are included to mark their importance in product performance and preservation of the environment. Topics cover:

- strategies for the management of rain and ground water for consumption
- wastewater treatment using indigenous techniques of

phytoremediation • scientific and engineering approaches to the prevention of flood and landslides in the tropics • wind power generation • soil evaluation of contamination due to heavy metals • green and sustainable building approaches • bioethanol production • energy conservation techniques

Refreshing and informative, Engineering and Technical Development for a Sustainable Environment revisits conventional approaches of managing natural agents (such as wind, rain and groundwater resources as well as wastewater treatment) in light of current sustainable oriented techniques using modern scientific concepts and strategies. It presents in-depth evaluations and analyses using systematic up-to-date scientific and engineering tools.

Recent Trends in Information and Communication Technology

- Faisal Saeed 2017-05-24

This book presents 94 papers from the 2nd International Conference of Reliable

Information and Communication Technology 2017 (IRICT 2017), held in Johor, Malaysia, on April 23-24, 2017. Focusing on the latest ICT innovations for data engineering, the book presents several hot research topics, including advances in big data analysis techniques and applications; mobile networks; applications and usability; reliable communication systems; advances in computer vision, artificial intelligence and soft computing; reliable health informatics and cloud computing environments, e-learning acceptance models, recent trends in knowledge management and software engineering; security issues in the cyber world; as well as society and information technology.

Theory and Practice in Hospitality and Tourism Research - Salleh Mohd Radzi 2014-08-12

Theory and Practice in Hospitality and Tourism Research includes 111 contributions from the 2nd International Hospitality and

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Tourism Conference 2014 (Penang, Malaysia, 2-4 September 2014), and covers a comprehensive range of topics, including:- Hospitality management- Hospitality & tourism marketing- Tourism management- Technology & innova

New Trends in Software Methodologies, Tools and Techniques - H. Fujita

2016-08-30

Software has become an essential enabler for science and the economy. Not only does it create new markets and the possibility of a more reliable, flexible and robust society, it also empowers our exploration of the world in ever increasing depth. However software often falls short of our expectations, with current methodologies, tools and techniques remaining insufficiently robust and reliable for constantly changing and evolving needs. This book presents papers from the 15th International Conference on New Trends in Intelligent Software Methodology Tools and

Techniques (SoMeT 16), held in Larnaca, Cyprus, in September 2016. The SoMeT conference focuses on exploring the innovations, controversies and challenges facing the software engineering community, bringing together theory and experience to propose and evaluate solutions to software engineering problems with an emphasis on human-centric software methodologies, end-user development techniques, and emotional reasoning, for an optimally harmonized performance between the design tool and the user. The book is divided into six chapters covering the following areas: decision support systems; software methodologies and tools; requirement engineering; software for biomedicine and bioinformatics; software engineering models, and formal techniques for software representation; and intelligent software development and social networking. The book explores new trends and theories which illuminate the

direction of developments in the field, and will be of interest to all in the software science community.

**Developments in
Multidimensional Spatial**

Data Models - Alias Abdul Rahman 2013-04-13

This book presents the latest research developments in geoinformation science, which includes all the sub-disciplines of the subject, such as: geomatic engineering, GIS, remote sensing, digital photogrammetry, digital cartography, etc.

Computational Intelligence in Information Systems - Saiful Omar 2018-10-17

This book constitutes the Proceeding of the Computational Intelligence in Information Systems conference (CIIS 2018), held in Brunei, November 16 - 18, 2018. The CIIS conference provides a platform for researchers to exchange the latest ideas and to present new research advances in general areas related to computational intelligence and its application. The 19 revised papers

presented in this book have been carefully selected from 41 submissions. The Conference contributes to major fields of the Computing and Information Systems in theoretical and practical aspects. This include Computational Intelligence Techniques, Data Mining, Big Data, the Internet of Things (IoTs), Machine Learning, Predictive Analytics, Product and Design technology, Smart Products, Human Centered Design (HCD), Additive Manufacturing, Information Security, Computer Networks and Cyber Technologies.

**Proceedings of the 6th
International Conference on
Fundamental and Applied**

Sciences - Samsul Ariffin Abdul Karim 2022-01-05

This book highlights latest advancement in Mathematics, Physics and Chemistry. With the theme of “Innovative Science towards Sustainability and Industrial Revolution 4.0”, ICFAS 2020 brings together leading experts, scientific communities and industrialists working in the field of applied sciences and mathematics from

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all over the world to share the most recent developments and cutting-edge discoveries addressing sustainability and industrial revolution 4.0 in the field. The conference topics include green materials, molecular modelling, catalysis, nanodevices and nanosystems, smart materials applications, solar cells technology, computational mathematics, data analysis and visualization, and numerical analysis. The contents of this book are useful for researchers, students, and industrial practitioners in the areas of Mathematics, Physics and Chemistry as most of the topics are in line with IR 4.0.

Information Retrieval Technology - Azizah Jaafar
2014-11-21

This book constitutes the refereed proceedings of the 10th Information Retrieval Societies Conference, AIRS 2014, held in Kuching, Malaysia, in December 2014. The 42 full papers were carefully reviewed and selected from 110 submissions. Seven tracks were the focus of the AIR 2014 and they were IR

models and theories; IR evaluation, user study and interactive IR; web IR, scalability and IR in social media; multimedia IR; natural language processing for IR; machine learning and data mining for IR and IR applications.

Proceedings of the 7th International Conference on Kansei Engineering and Emotion Research 2018 -

Anitawati Mohd Lokman
2018-03-13

The proceedings gather a selection of refereed papers presented at the 7th International Conference on Kansei Engineering and Emotion Research 2018 (KEER 2018), which was held in Kuching, Malaysia from 19 to 22 March 2018. The contributions address the latest advances in and innovative applications of Kansei Engineering and Emotion Research. The subjects include: Kansei, Emotion and Games Kansei, Emotion and Computing Kansei, Emotion and Wellbeing / Quality of Life Kansei, Emotion and Design

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Kansei, Emotion and Health / Ergonomics Kansei, Emotion and Multidisciplinary Fields Kansei, Emotion and Culture Kansei, Emotion and Social computing Kansei, Emotion and Evaluation Kansei, Emotion and User Experience The book offers a valuable resource for all graduate students, experienced researchers and industrial practitioners interested in the fields of user experience/usability, engineering design, human factors, quality management, product development and design.

Membrane Characterization

- Nidal Hilal 2017-02-18
Membrane Characterization provides a valuable source of information on how membranes are characterized, an extremely limited field that is confined to only brief descriptions in various technical papers available online. For the first time, readers will be able to understand the importance of membrane characterization, the techniques required, and

the fundamental theory behind them. This book focuses on characterization techniques that are normally used for membranes prepared from polymeric, ceramic, and composite materials. Features specific details on many membrane characterization techniques for various membrane materials of industrial and academic interest Contains examples of international best practice techniques for the evaluation of several membrane parameters, including pore size, charge, and fouling Discusses various membrane models more suitable to a specific application Provides examples of ab initio calculations for the design, optimization, and scale-up of processes based on characterization data
The Factors to Improve Commercialization Rate - Tayebeh Khademi 2013-06-12

Soft Computing in Data Science - Michael W. Berry 2016-09-17

This book constitutes the refereed proceedings of the

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International Conference on Soft Computing in Data Science, SCDS 2016, held in Putrajaya, Malaysia, in September 2016. The 27 revised full papers presented were carefully reviewed and selected from 66 submissions. The papers are organized in topical sections on artificial neural networks; classification, clustering, visualization; fuzzy logic; information and sentiment analytics.

Sustainable Water

Treatment - Zainura Zainon Noor 2017-04-07

This book focuses on green and innovative wastewater treatment technologies that promote sustainability. It discusses a variety of biological, physical, and chemical treatment technologies. It covers biological processes for recovery of value-added products from wastewater and gives an overview of enzymatic hydrolysis and bioremediation of wastewater using immobilized enzyme and fungus. It offers a case study and future trends of

wastewater treatment through membrane bioreactor technologies, describes advanced chemical-physical processes for recalcitrant pollutant, and emphasizes the use of low-cost materials and cost-effective treatment methods.

Soft Computing in Data

Science - Bee Wah Yap 2018-12-10

This book constitutes the refereed proceedings of the 4th International Conference on Soft Computing in Data Science, SCDS 2018, held in Bangkok, Thailand, in August 2018. The 30 revised full papers presented were carefully reviewed and selected from 75 submissions. The papers are organized in topical sections on machine and deep learning, image processing, financial and fuzzy mathematics, optimization algorithms, data and text analytics, data visualization.

Recent Advances on Soft Computing and Data Mining

- Rozaida Ghazali 2018-01-11

This book offers a systematic overview of the concepts and

practical techniques that readers need to get the most out of their large-scale data mining projects and research studies. It guides them through the data-analytical thinking essential to extract useful information and obtain commercial value from the data. Presenting the outcomes of International Conference on Soft Computing and Data Mining (SCDM-2017), held in Johor, Malaysia on February 6–8, 2018, it provides a well-balanced integration of soft computing and data mining techniques. The two constituents are brought together in various combinations of applications and practices. To thrive in these data-driven ecosystems, researchers, engineers, data analysts, practitioners, and managers must understand the design choice and options of soft computing and data mining techniques, and as such this book is a valuable resource, helping readers solve complex benchmark problems and better appreciate the concepts, tools, and techniques

employed.

Ontology-Based Applications for Enterprise Systems and Knowledge Management

- Nazir Ahmad, Mohammad 2012-08-31

"This book provides an opportunity for readers to clearly understand the notion of ontology engineering and the practical aspects of this approach in the domains of two interest areas: Knowledge Management Systems and Enterprise Systems"--

Heritage, Culture and Society -

Salleh Mohd Radzi 2016-10-26

Heritage, Culture and Society contains the papers presented at the 3rd International

Hospitality and Tourism Conference (IHTC2016) & 2nd

International Seminar on Tourism (ISOT 2016),

Bandung, Indonesia, 10–12 October 2016). The book

covers 7 themes: i) Hospitality and tourism management ii)

Hospitality and tourism marketing iii) Current trends in

hospitality and tourism management iv) Technology

and innovation in hospitality and tourism v) Sustainable

tourism vi) Gastronomy, foodservice and food safety, and vii) Relevant areas in hospitality and tourism Heritage, Culture and Society is a significant contribution to the literature on Hospitality and Tourism, and will be of interest to professionals and academia in both areas.

Intelligent Information and Database Systems - Ali Selamat 2013-02-26

The two-volume set LNAI 7802 and LNAI 7803 constitutes the refereed proceedings of the 5th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2013, held in Kuala Lumpur, Malaysia in March 2013. The 108 revised papers presented were carefully reviewed and selected from numerous submissions. The papers included are grouped into topical sections on: innovations in intelligent computation and applications; intelligent database systems; intelligent information systems; tools and applications; intelligent recommender systems; multiple modal approach to machine learning;

engineering knowledge and semantic systems; computational biology and bioinformatics; computational intelligence; modeling and optimization techniques in information systems, database systems and industrial systems; intelligent supply chains; applied data mining for semantic Web; semantic Web and ontology; integration of information systems; and conceptual modeling in advanced database systems.

Sustainable Membrane Technology for Energy, Water, and Environment -

Ahmad Fauzi Ismail 2012-01-20

A detailed look at the most recent developments in sustainable membrane technology for use in energy, water, and the environment A collection of twenty-seven groundbreaking papers on important ideas about the development of membrane science and technology, Sustainable Membrane Technology for Energy, Water, and Environment brings together contributions from

leading international experts in one comprehensive volume. Covering the latest developments and most innovative ideas in the field, this book is a unique resource for understanding the growing interest in using membranes across several industries. Divided into six chapters that cover new membrane materials and membrane development; membrane applications for gas and vapor separation; membrane applications in water treatment; environmental applications of membranes; energy applications of membranes; and other industrial membrane applications, the book looks at the current and emerging applications for membrane science and technology in detail. As the Association of Southeast Asian Nations (ASEAN) and the Middle East emerge as the next generation of membrane research and development centers, in part due to their need for water and natural gas production technology, this book provides invaluable

insights into the cutting-edge work taking place in these regions. Additional topics covered also include new membrane materials, membrane applications for food processing, and much more. Designed for engineers, scientists, professors, and graduate students who are engaged in membrane R&D activities, as well as for anyone interested in sustainable development, *Sustainable Membrane Technology for Energy, Water, and Environment* is a cutting-edge look at membrane applications.

Membrane Technology for Water and Wastewater Treatment, Energy and Environment - A.F. Ismail
2016-03-16

Realizing that water, energy and food are the three pillars to sustain the growth of human population in the future, this book deals with all the above aspects with particular emphasis on water and energy. In particular, the book addresses applications of membrane science and

technology for water and wastewater treatment, energy and environment. Th
The British Role in Iranian Domestic Politics (1951-1953) - Mansoureh Ebrahimi
2016-03-17

Based on British and Iranian sources, this book investigates the background and goals of the coup in Iran, examining how British foreign and domestic agents interfered with Iran's internal affairs between the nationalization of Iran's oil in 1951 until its failure in 1953 with the overthrow of Prime Minister Mossadegh. How and why was Iran's democratically elected government ousted in 1953? Most studies refer to a 'CIA-led' operation. This study analyses how British agents used the Shah, the ancient Persian Durbar, Majlis deputies, Islamic clergy, and Iranian military officers in the overthrow of the first democratically elected Prime Minister, and highlights how Britain used the 'Communist menace' as a pretext for protecting its oil interests and

persuaded the Americans to orchestrate the coup. This close interaction between British colonial interests, American Cold War goals and Iranian politics ultimately defeated the democratic aspirations of Iran's people.

Proceedings of the International Colloquium on Sports Science, Exercise, Engineering and Technology 2014 (ICoSSEET 2014) -

Rahmat Adnan 2014-07-28

The proceeding is a collection of research papers presented at the International Colloquium on Sports Science, Exercise, Engineering and Technology (ICoSSEET2014), a conference dedicated to address the challenges in the areas of sports science, exercise, sports engineering and technology including other areas of sports, thereby presenting a consolidated view to the interested researchers in the aforesaid fields. The goal of this conference was to bring together researchers and practitioners from academia and industry to focus on the scope of the conference and

establishing new collaborations in these areas. The topics of interest are as follows but are not limited to:

1. Sports and Exercise Science • Sports Nutrition • Sports Biomechanics • Strength and Conditioning • Motor Learning and Control • Sports Psychology • Sports Coaching • Sports and Exercise Physiology • Sports Medicine and Athletic Trainer • Fitness and Wellness • Exercise Rehabilitation • Adapted Physical Activity / Disability Sport • Physical Education • Dance, Games and Play
2. Sports Engineering and Technology Application • Sports Equipment Mechanics • Athlete Analysis and Measurement • Instrumentation and Measurement in Sports • Fluid Dynamics in Sports • Computational Modeling in Sports
3. Sports Industry and Management • Sports Event • Sports Management • Sports Tourism • Sports Marketing • Sports Ethics and Law • Sports Sociology • Outdoor and Recreation Management •

Inclusive Recreation • Leisure **Informatics Engineering and Information Science, Part III** - Azizah Abd Manaf 2011-10-28

This 4-Volume-Set, CCIS 0251 - CCIS 0254, constitutes the refereed proceedings of the International Conference on Informatics Engineering and Information Science, ICIEIS 2011, held in Kuala Lumpur, Malaysia, in November 2011. The 210 revised full papers presented together with invited papers in the 4 volumes were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on e-learning, information security, software engineering, image processing, algorithms, artificial intelligence and soft computing, e-commerce, data mining, neural networks, social networks, grid computing, biometric technologies, networks, distributed and parallel computing, wireless networks, information and data management, web applications and software systems, multimedia, ad hoc networks,

mobile computing, as well as miscellaneous topics in digital information and communications.

Diverse Learning Opportunities Through Technology-Based Curriculum Design - Williams, Demetrick 2018-08-30

The infusion of technology into curriculum influences the methods and techniques used to educate the student population. By integrating effective technology in education, teachers are provided with a better opportunity to adapt and enhance the learning experience for students from various backgrounds. Diverse Learning Opportunities Through Technology-Based Curriculum Design provides innovative insights into the development and advancement of online instruction and educational technology to engage students from diverse backgrounds. The content within this publication addresses academic performance, technology integration, and online learning. It is geared towards

educators, educational software developers, instructional designers, and researchers, and it covers topics centered on the methods to adjust, adapt, and implant the newest technology into contemporary curriculum.

Proceedings of the International Conference on Computing, Mathematics and Statistics (iCMS 2015) -

Abd-Razak Ahmad 2016-11-24

This proceedings volume consists of refereed papers presented at the Second International Conference on Computing, Mathematics and Statistics (iCMS 2015) held in Langkawi, Malaysia in November 2015. Divided into three sections - Computer Science, Mathematics and Statistics - the book includes both quantitative and qualitative research that confronts current societal issues. Within the main sections, the book also covers education based research works and the applications of computer and mathematical sciences in social science, business, industries and the life

and hard sciences. Drawing on the theme Bridging Research Endeavor on Computing, Mathematics and Statistics, each of the conference papers are carefully selected and edited to cater to readers from diverse applied and social sciences backgrounds. The book allows for the contemplation and reflection on the possibility of the knowledge growth and knowledge sharing in building a better world for future generations.

A Handbook of Asean Business Case Teaching Notes -

Shathees Baskaran 2022-04-21

New This book is a complementary teaching note for “A Handbook of ASEAN Business Cases: Emerging Issues in Business and Management” published earlier (ISBN: 9781543767032/9781543767049) which comprises seven business and management cases that demonstrate different company issues and managerial problems in ASEAN countries. This teaching note is useful for instructors at undergraduate

and postgraduate levels who will be using the cases. The instructors may use this teaching note as complementary class materials to the teaching case in guiding the students to learn the practical issues in the industry. The teaching note will provide complete guidance for the instructors in attempting the case questions through case synopsis, learning objectives, instructed teaching approach and plan, and suggested case answers.

Advancing Technology Industrialization Through Intelligent Software Methodologies, Tools and Techniques - H. Fujita

2019-09-17

Software has become ever more crucial as an enabler, from daily routines to important national decisions. But from time to time, as society adapts to frequent and rapid changes in technology, software development fails to come up to expectations due to issues with efficiency, reliability and security, and with the robustness of

methodologies, tools and techniques not keeping pace with the rapidly evolving market. This book presents the proceedings of SoMeT_19, the 18th International Conference on New Trends in Intelligent Software Methodologies, Tools and Techniques, held in Kuching, Malaysia, from 23–25 September 2019. The book explores new trends and theories that highlight the direction and development of software methodologies, tools and techniques, and aims to capture the essence of a new state of the art in software science and its supporting technology, and to identify the challenges that such a technology will have to master. The book also investigates other comparable theories and practices in software science, including emerging technologies, from their computational foundations in terms of models, methodologies, and tools. The 56 papers included here are divided into 5 chapters: Intelligent software systems design and techniques in

software engineering; Machine learning techniques for software systems; Requirements engineering, software design and development techniques; Software methodologies, tools and techniques for industry; and Knowledge science and intelligent computing. This comprehensive overview of information systems and research projects will be invaluable to all those whose work involves the assessment and solution of real-world software problems.

Modeling, Design and Simulation of Systems -
Mohamed Sultan Mohamed Ali
2017-08-24

This two-volume set CCIS 751 and CCIS 752 constitutes the proceedings of the 17th Asia Simulation Conference, AsiaSim 2017, held in Malacca, Malaysia, in August/September 2017. The 124 revised full papers presented in this two-volume set were carefully reviewed and selected from 267 submissions. The papers contained in these proceedings address challenging issues in

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modeling and simulation in various fields such as embedded systems; symbiotic simulation; agent-based simulation; parallel and distributed simulation; high performance computing; biomedical engineering; big data; energy, society and

economics; medical processes; simulation language and software; visualization; virtual reality; modeling and Simulation for IoT; machine learning; as well as the fundamentals and applications of computing.