

Advances In Information Technologies For Electromagnetics

The book is devoted to problems of information technologies (description and processing signals, especially ones corrupted by noises and disturbances) and to problems of telecommunications and production of advanced equipment in radio-electronics developed at the Ural Federal University, Ekaterinburg, Russia. It describes the contemporary state of the art and the development of methods for solving problems of signal processing and building equipment for practical solutions. The volume is mainly a collection of ideas, techniques and results in the field of video information technologies and various related applications of numerical methods. It comprises 18 chapters grouped under four main topics: image processing and computer vision, signal processing and navigation, simulation of some practical processes and computations for antennas, and applications of microwaves. The research described in this volume is addressed to a wide audience of scientists, engineers and mathematicians involved in the above mentioned four scientific topics.

This book contains a selection of articles from The 2013 World Conference on Information Systems and Technologies (WorldCIST'13), a global forum for researchers and practitioners to present and discuss the most recent innovations, trends, results, experiences and concerns in the several perspectives of Information Systems and Technologies. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; and Human-Computer Interaction.

Computer and Information Technology (CIT) are now involved in governmental, industrial, and business domains more than ever. Thus, it is important for CIT personnel to continue academic research to improve technology and its adoption to modern applications. The up-to-date research and technologies must be distributed to researchers and CIT community continuously to aid future development. The 10th International Conference on Computing and Information Technology (IC 2 IT2014) organized by King Mongkut's University of Technology North Bangkok (KMUTNB) and partners provides an exchange of the state of the art and future developments in the two key areas of this process: Computer Networking and Data Mining. Behind the background of the foundation of ASEAN, it becomes clear that efficient languages, business principles and communication methods need to be adapted, unified and especially optimized to gain a maximum benefit to the users and customers of future IT systems.

This book reports on new theories and applications in the field of intelligent systems and computing. It covers computational and artificial intelligence methods, as well as advances in computer vision, current issues in big data and cloud computing, computation linguistics, and cyber-physical systems. It also reports on data mining and knowledge extraction technologies, as well as central issues in intelligent information management. Written by active researchers, the respective chapters are based on papers presented at the International Conference on Computer Science and Information Technologies (CSIT 2017), held on September 5–8, 2017, in Lviv, Ukraine; and at two workshops accompanying the conference: one on inductive modeling, jointly organized by the Lviv Polytechnic National University and the National Academy of Science of Ukraine; and another on project management, which was jointly organized by the Lviv Polytechnic National University, the International Project Management Association, the Ukrainian Project Management Association, the Kazakhstan Project Management Association, and Nazarbayev University. Given its breadth of coverage, the book provides academics and professionals with extensive information and a timely snapshot of the field of intelligent systems, and is sure to foster new discussions and collaborations among different groups.

Volume 2

Insights into Advancements in Intelligent Information Technologies: Discoveries

Digital Technology Advancements in Knowledge Management

Advances in Manufacturing

Decision, Control and Information Technology

Integrated Approaches in Information Technology and Web Engineering: Advancing Organizational Knowledge Sharing

Advances in Information Systems and Technologies

This book presents a selection of papers from the 2017 World Conference on Information Systems and Technologies (WorldCIST'17), held between the 11st and 13th of April 2017 at Porto Santo Island, Madeira, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges involved in modern Information Systems and Technologies research, together with technological developments and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human-Computer Interaction; Ethics, Computers & Security; Health Informatics; Information Technologies in Education; and Information Technologies in Radiocommunications.

Growth of knowledge, unparalleled in the history of the human race, results in the rapid development of technology. The solutions that until quite recently remained in the domain of science-fiction now become a part of our everyday life. Information technologies enter all the spheres of human's existence. Their influence is multiplied by network connections and by multimedia presentations and communications. Our intention was to offer to the readers of this monograph a very broad overview of the problems in that area. Searching for their solutions had become a principal task of numerous scientific teams all over the world. Preparing this book we have asked for cooperation many European research teams. In effect the monograph includes the most representative – in our opinion – investigations, solutions, and applications presented by different scientific groups from nine countries. Content of the book has been divided into five parts: 1. Multimedia information technologies 2. Information systems 3. Information system applications 4. Web systems and network technologies 5. E-learning methodologies and platforms.

The latest trends in Information Technology represent a new intellectual paradigm for scientific exploration and visualization of scientific phenomena. The present treatise covers almost all the emerging technologies in the field. Academician, scientists and researchers engaged in teaching, research and development of Computer Science and Information Technology will find the book useful for their future academic and research work. The present treatise comprising 225 articles is presented exhaustively. 01. Advance Networking and Security/Wireless Networking/Cyber Laws 02. Advance Software Computing 03. Artificial Intelligence/Natural Language Processing/ Neural Networks 04. Bioinformatics/Biometrics 05. Data Mining 06. Image Processing, Content Based Image Retrieval, Medical and Bio-Medical Imaging, Wavelets 07. Information Processing/Audio and Text Processing/Cryptology, Steganography and Digital Watermarking 08. Pattern Recognition/Machine Vision 09. Signal Processing and Communication/Remote Sensing 10. Speech Processing & Recognition, Human Computer Interaction 11. Information and Communication Technology

This book constitutes the refereed proceedings of the Second International Conference on Advances in Communication, Network, and Computing, CNC 2011, held in Bangalore, India, in March 2011. The 41 revised full papers, presented together with 100 poster papers, were carefully reviewed and selected for inclusion in the book. The papers feature current research in the field of Information Technology, Networks, Computational Engineering, Computer and Telecommunication Technology, and address methodological issues to advanced applications.

Volume 4

Advances in Information Technology Research and Application: 2011 Edition

Preparing for the Revolution

Advances on information Technologies in the Financial Services industry

Second International Conference, CCSIT 2012, Bangalore, India, January 2-4, 2012. Proceedings

Advances in Computer Science and Information Technology. Computer Science and Information Technology

Information Technology and the Future of the Research University

Modern manufacturing systems involve many processes and operations at various hierarchical levels of decision, control and execution. New applications for systems are arising from the synergy of machines, tools, robots and computers with management and information technologies. Novel systems are designed and put into operation to manufacture old and new high-quality products with speed, accuracy and economy. This book contains over thirty papers that examine state-of-the-art and how-to-do issues, as well as new solutions. Topics covered include: Process planning/scheduling and machine-cell design Process monitoring, inspection, diagnosis and maintenance Forecasting, optimization and control Design and control of robotic automated crane systems Applications: including laser material processing, stereolithography systems, alimentary pasta processes and automated/robotic road construction and maintenance. The book explores key elements and critical factors, presents new results and tools that are applicable to real situations.

Advances in Information Technology Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Information Technology. The editors have built Advances in Information Technology Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Information Technology in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Information Technology Research and Application: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

This book presents the proceedings of the International Conference on Systems, Control and Information Technologies 2016. It includes research findings from leading experts in the fields connected with INDUSTRY 4.0 and its implementation, especially: intelligent systems, advanced control, information technologies, industrial automation, robotics, intelligent sensors, metrology and new materials. Each chapter offers an analysis of a specific technical problem followed by a numerical analysis and simulation as well as the implementation for the solution of a real-world problem.

Knowledge management has always been about the process of creating, sharing, using, and applying knowledge within and between organizations. Before the advent of information systems, knowledge management processes were manual or offline. However, the emergence and eventual evolution of information systems created the possibility for the gradual but slow automation of knowledge management processes. These digital technologies enable data capture, data storage, data mining, data analytics, and data visualization. The value provided by such technologies is enhanced and distributed to organizations as well as customers using the digital technologies that enable interconnectivity. Today, the fine line between the technologies enabling the technology-driven external pressures and data-driven internal organizational pressures is blurred. Therefore, how technologies are combined to facilitate knowledge management processes is becoming less standardized. This results in the question of how the current advancement in digital technologies affects knowledge management processes both within and outside organizations. Digital Technology Advancements in Knowledge Management addresses how various new and emerging digital technologies can support knowledge management processes within organizations or outside organizations. Case studies and practical tips based on research on the emerging possibilities for knowledge management using these technologies is discussed within the chapters of this book. It both builds on the available literature in the field of knowledge management while providing for further research opportunities in this dynamic field. This book highlights topics such as human-robot interaction, big data analytics, software development, keyword extraction, and artificial intelligence and is ideal for technology developers, academics, researchers, managers, practitioners, stakeholders, and students who are interested in the adoption and implementation of new digital technologies for knowledge creation, sharing, aggregation, and storage.

Volume 3

Methodological Advancements in Intelligent Information Technologies: Evolutionary Trends

Recent Advances in Information and Communication Technology 2020

Trends and Advances in Information Systems and Technologies

The Business Challenge

Evolutionary Trends

A Special Issue of the journal of Organizational Computing and Electronic Commerce

The financial services industry is changing under the stimulus of advances in information technology (IT), telecommunications, and the Internet. Technological innovations and growing customer demand and sophistication have led to the emergence of new electronic financial markets, organizational forms for financial services firms, products, and product delivery capabilities. This special issue highlights Information Systems (IS) research on management topics in the financial services that involve IT. The authors utilize a mix of research methodologies to examine a range of innovative applications of IT in the financial services industry.

This book gathers the proceedings of the 16th International Conference on Computing and Information Technology (IC2IT 2020), held on May 14th–15th, 2020, at Dusit Thani Pattaya, Thailand. The topics covered include big data, artificial intelligence, machine learning, natural language processing, speech recognition, image and video processing, and deep learning. In turn, the topics represent major research and engineering directions for autonomous driving, language assistants, automatic translation, and answering systems. Lastly, they are responses to major economic changes around the world, which are increasingly shaped by the need for enhanced globalization and worldwide cooperation, and by emerging global problems.

This book reports on new theories and applications in the field of intelligent systems and computing. It covers computational and artificial intelligence methods, as well as advances in computer vision, current issues in big data and cloud computing, computation linguistics, and cyber-physical systems. It also reports on important topics in intelligent information management. Written by active researchers, the respective chapters are based on selected papers presented at the XIV International Scientific and Technical Conference on Computer Science and Information Technologies (CSIT 2019), held on September 17–20, 2019, in Lviv, Ukraine. The conference was jointly organized by the Lviv Polytechnic National University, Ukraine, the Kharkiv National University of Radio Electronics, Ukraine, and the Technical University of Lodz, Poland, under patronage of Ministry of Education and Science of Ukraine. Given its breadth of coverage, the book provides academics and professionals with extensive information and a timely snapshot of the field of intelligent systems, and is sure to foster new discussions and collaborations among different groups.

Provides a collection of authoritative articles from distinguished international researchers in information technology and Web engineering.

Recent Advances in Information and Communication Technology

Proceedings of IC12C'21

Computer Networks and Information Technologies

Second International Conference, ADVIS 2002, Izmir, Turkey, October 23-25, 2002. Proceedings

Information Technology in Educational Management

Advances in Intelligent Systems and Computing IV

Advances in Information Technologies

This book highlights the most important research areas in Information and Telecommunication Technologies as well as Radio Electronics. The respective chapters share in-depth and extended results in these areas with a view to resolving practically relevant and challenging issues including: management services and quality control, improved estimates for reliability indicators, the cryptographic technology Blockchain, research and forecasting of technological characteristics, satellite communications, multiservice transmission systems and effective technological solutions. These results can be used in the implementation of novel systems and to promote the exchange of information in e-societies. Given its scope the book offers a valuable resource for scientists, lecturers, specialists working at enterprises, graduate and undergraduate students who engage with problems in Information and Telecommunication Technologies as well as Radio Electronics.

"This book offers the latest the field has to offer in research, methodologies, frameworks, and advances in the field of intelligent information technologies"--Provided by publisher.

Many organisations are using an increased range of information technologies to support a variety of new organisational practices and organisational forms. The book aims to investigate the integration of information technologies into work places and their effect on work and work-life. Issues include changes in: the nature, quantity and quality of work; power relations; privacy; and aspects of organisational culture. The book also considers the social process of shifting from present organisational structures and practices to new ones.

This book is composed of a selection of articles from The 2021 World Conference on Information Systems and Technologies (WorldCIST'21), held online between 30 and 31 of March and 1 and 2 of April 2021 at Hangra de Heroismo, Terceira Island, Azores, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern information systems and technologies research, together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications.

Advances in Enterprise Information Technology Security

Proceedings of the 10th International Conference on Computing and Information Technology (IC2IT2014)

Adapting Information and Communication Technologies for Effective Education

Recent Advances in Information Systems and Technologies

Advancing Organizational Knowledge Sharing

Advances in Information Technologies for Electromagnetics

Proceedings of the 16th International Conference on Computing and Information Technology (IC2IT 2020)

This book describes a vision of manufacturing in the twenty-first century that maximizes efficiencies and improvements by exploiting the full power of information and provides a research agenda for information technology and manufacturing that is necessary for success in achieving such a vision. Research on information technology to support product and process design, shop-floor operations, and flexible manufacturing is described. Roles for virtual manufacturing and the information infrastructure are also addressed. A final chapter is devoted to nontechnical research issues.

The three volume set LNICST 84 - LNICST 86 constitute the refereed proceedings of the Second International Conference on Computer Science and Information Technology, CCSIT 2012, held in Bangalore, India, in January 2012. The 55 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on advances in computer science and information technology; and ad hoc and ubiquitous computing.

Provides a broad working knowledge of all the major security issues affecting today's enterprise IT activities. Multiple techniques, strategies, and applications are examined, presenting the tools to address opportunities in the field. For IT managers, network administrators, researchers, and students.

Created through a student-tested, faculty-approved review process with input from more than 250 students and faculty, GOVT is an engaging and accessible solution to accommodate the diverse learning styles of today's learners at a value-based price. Focusing on the current and historical conflicts and controversies that define America as a nation, GOVT is a streamlined and extremely current text for the American Government course. Its motivating debate theme and appealing modern format speak directly to today's student. A full suite of learning tools--correlated to the text chapter-by-chapter--are available through CourseMate and include an eBook, Chapter In Review cards, videos, simulations, podcasts, and quizzes that allow students to learn and study wherever they are and whenever they have time.

Advances in Information and Communication Technologies

Information Technology for Manufacturing

Selected Papers from the International Conference on Computer Science and Information Technologies, CSIT 2017, September 5-8 Lviv, Ukraine

Advances in Intelligent Systems and Computing II

Discoveries

Information Technology and Systems

Processing and Control in Information and Communication Systems

This book is composed by the papers written in English and accepted for presentation and discussion at The 2021 International Conference on Information Technology & Systems (ICITS 21), held at the Universidad Estatal Península de Santa Elena, in Libertad, Ecuador, between the 10th and the 12th of February 2021. ICITS is a global forum

for researchers and practitioners to present and discuss recent findings and innovations, current trends, professional experiences and challenges of modern information technology and systems research, together with their technological development and applications. The main topics covered are information and knowledge management; organizational models and information systems; software and systems modelling; software systems, architectures, applications and tools; multimedia systems and applications; computer networks, mobility and pervasive systems; intelligent and decision support systems; big data analytics and applications; human – computer interaction; ethics, computers & security; health informatics; and information technologies in education.

Advances in Information Technologies The Business Challenge IOS Press

This book offers a broad panorama on recently achieved and potentially obtainable advances in electromagnetics with innovative IT technologies. Simple tutorial chapters introduce cutting edge technologies. These include parallel and distributed computing, object-oriented technologies, grid computing, semantic grids, agent based computing and service-oriented architectures. The book is a unique tool bridging the gap between IT and EM communities.

This book includes a selection of papers from the 2018 World Conference on Information Systems and Technologies (WorldCIST'18), held in Naples, Italy on March 27-29, 2018. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and the challenges of modern information systems and technologies research together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human – Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications.

Advances in Computer Vision and Information Technology

Advances in Information Technologies, Telecommunication, and Radioelectronics

Advances in Multimedia and Network Information System Technologies

Proceedings of the International Conference SCIT 2016, May 20-21, 2016, Warsaw, Poland

Second International Conference on Advances in Communication, Network, and Computing, CNC 2011, Bangalore, India, March 10-11, 2011. Proceedings

A Research Agenda

Proceedings of the 3rd International Conference on Electrical and Information Technologies — ICEIT 2017, Morocco

The rapid evolution of information technology (IT) is transforming our society and its institutions. For the most knowledge-intensive entities of all, research universities, profound IT-related challenges and opportunities will emerge in the next decade or so. Yet, there is a sense that some of the most significant issues are not well understood by academic administrators, faculty, and those who support or depend on the institution's activities. This study identifies those information technologies likely to evolve in the near term (a decade or less) that could ultimately have a major impact on the research university. It also examines the possible implications of these technologies for the research university's activities (learning, research, outreach) and its organization, management, and financing and for the broader higher education enterprise. The authoring committee urges research universities and their constituents to develop new strategies to ensure that they survive and thrive in the digital age.

The book includes the best extended papers which were selected from the 3rd International Conference of Electrical and Information Technologies (ICEIT 2017, Morocco). The book spans two inter-related research domains which shaped modern societies, solved many of their development problems, and contributed to their unprecedented economic growth and social welfare. Selected papers are based on original and high quality research. They were peer reviewed by experts in the field. They are grouped into five parts. Part I deals with Power System and Electronics topics that include Power Electronics & Energy Conversion, Actuators & Micro/Nanotechnology, etc. Part II relates to Control Systems and their applications. Part III concerns the topic of Information Technology that basically includes Smart Grid, Information Security, Cloud Computing Distributed, Big Data, etc. Part IV discusses Telecommunications and Vehicular Technologies topics that include, Green Networking and Communications, Wireless Ad-hoc and Sensor Networks, etc. Part V covers Green Applications and Interdisciplinary topics, that include intelligent and Green Technologies for Transportation Systems, Smart Cities, etc. This book offers a good opportunity for young researchers, novice scholars and whole academic sphere to explore new trends in Electrical and information Technologies.

This book contains a selection of articles from The 2016 World Conference on Information Systems and Technologies (WorldCIST'16), held between the 22nd and 24th of March at Recife, Pernambuco, Brazil. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, together with their technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human-Computer Interaction; Health Informatics; Information Technologies in Education; Information Technologies in Radiocommunications.

This book gathers the proceedings of the International Conference on Information, Communication and Cybersecurity, held on November 10–11, 2021, in Khouribga, Morocco. The conference was jointly coorganized by The National School of Applied Sciences of Sultan Moulay Slimane University, Morocco, and Charles Darwin University, Australia. This book provides an opportunity to account for state-of-the-art works, future trends impacting information technology, communications, and cybersecurity, focusing on elucidating the challenges, opportunities, and inter-dependencies that are just around the corner. This book is helpful for students and researchers as well as practitioners. IC2C 2021 was devoted to advances in smart information technologies, communication, and cybersecurity. It was considered a meeting point for researchers and practitioners to implement advanced information technologies into various industries. There were 159 paper submissions from 24 countries. Each submission was reviewed by at least three chairs or PC members. We accepted 54 regular papers (34%). Unfortunately, due to limitations of conference topics and edited volumes, the Program Committee was forced to reject some interesting papers, which did not satisfy these topics or publisher requirements. We would like to thank all authors and reviewers for their work and valuable contributions. The friendly and welcoming attitude of conference supporters and contributors made this event a success!

Advances in Information, Communication and Cybersecurity

ICITS 2021, Volume 2

Trends and Applications in Information Systems and Technologies

Recent Advances in Electrical and Information Technologies for Sustainable Development

Advances in Information Systems

Volume 1

"This book provides various aspects of intelligent information technologies as they are applied to organizations to assist in improving productivity through the use of autonomous decision-making systems" -- Provided by publisher.

This volume contains the proceedings of the Second International Conference on Advances in Information Systems (ADVIS) held in Izmir, Turkey, 23-25 October 2002. This conference was dedicated to the memory of Prof. Esen Ozkarahan. He was a great researcher who made an essential contribution to the development of information systems. Prof. Ozkarahan was one of the pioneers of database machine research and database systems in Turkey. This conference was organized by the Computer Engineering department of Dokuz Eylul University in Izmir. This department was established in 1994 by Prof. Ozkarahan and he worked there for the last 7 years of his life. The main goal of the conference was to bring together researchers from all around the world working in different areas of information systems, to share new ideas and present their latest results. This time we received 94 submissions from 27 countries. The program committee selected 40 papers for presentation at the conference. During the conference a workshop was organized on the topic "New Information Technologies in Education". The invited and accepted contributions cover a large variety of topics: general aspects of information systems, databases and data warehouses, information retrieval, multiagent systems and technologies, distributed and parallel computing, evolutionary algorithms and system programming, and new information technologies in education. The success of the conference was dependent upon the hard work of a large number of people. We gratefully acknowledge the members of the Program Committee who helped to coordinate the process of refereeing all submitted papers.

Educational initiatives attempt to introduce or promote a culture of quality within education by raising concerns related to student learning, providing services related to assessment, professional development of teachers, curriculum and pedagogy, and influencing educational policy, in the realm of technology. Adapting Information and Communication Technologies for Effective Education addresses ICT assessment in universities, student satisfaction in management information system programs, factors that impact the successful implementation of a laptop program, student learning and electronic portfolios, and strategic planning for e-learning. Providing innovative research on several fundamental technology-based initiatives, this book will make a valuable addition to every reference library. Educational institutions in which administrators, managers and teachers will be working in the late 1990's will be far different from those of today. Schools, which until recently were lagging behind in the implementation of information technology (IT) in their administration and management, are now attempting to close the gap. A massive and rapid computerization process in schools, school districts and throughout the other levels of the educational system, including universities, has made computers an integral part of the educational management scene. A computer on the desk of every educational management staff might become a reality in the near future. The term "IT" includes three main components: hardware, software - mainly management information systems (MIS)/decision support systems (DSS) and human factors. Presently, successful implementation depends on adequate software and on human factors. MIS/DSSs are being implemented with the aim of providing meaningful support for school employees in their daily activities, and to improve their performance, effectiveness and efficiency. Much like at universities, usable and accessible school databases are being established, encompassing data on students, teachers, employees, classrooms, grade levels, courses, student achievements and behavior, school space, curriculum, finance, inventory, transportation, etc.

New Advances in Information Systems and Technologies

Recent Advances in Systems, Control and Information Technology

Information Technology and Changes in Organizational Work

Selected Papers from the International Conference on Computer Science and Information Technologies, CSIT 2019, September 17-20, 2019, Lviv, Ukraine

Information Technology and Psychology, Prospects for the Future