

Croatia University Of Surrey

The tools of nanodiagnostics, nanotherapy, and nanorobotics are expected to revolutionize the future of medicine, leading to presymptomatic diagnosis of disease, highly effective targeted treatment therapy, and minimum side effects. Handbook of Nanophysics: Nanomedicine and Nanorobotics presents an up-to-date overview of the application of nanotechnology to molecular and biological processes, medical imaging, targeted drug delivery, and cancer treatment. Each peer-reviewed chapter contains a broad-based introduction and enhances understanding of the state-of-the-art scientific content through fundamental equations and illustrations, some in color. This volume shows how the materials, tools, and techniques of nanotechnology, such as enzymatic nanolithography, biomimetic approaches, and force spectroscopy, are currently used in biological applications, including living cell biopsies, biosensors, protein recognition, and the analysis of bioelectrics. Drawing on emerging toxicology research, it examines the impact and risks of nanomaterials on human health and the environment. Researchers at the forefront of the field cover tissue engineering, diagnostic, drug delivery, and therapeutic applications, including organs derived from nanomaterials, quantum dots and magnetic nanoparticles for imaging, pharmaceutical nanocarriers, targeted magnetic particles and biodegradable nanoparticles for drug delivery, and cancer treatment using gold nanoparticles. They also explain how cells and skin respond to these nanomaterials. In addition, the book investigates the next generation of nanotechnology research that is focused on nanorobotics and its potential in detecting and destroying cancer cells and detecting and measuring toxic chemicals. It considers the roles nanohaters, nanomoters, and nanobotanics can play in this new technology. Nanophysics brings together multiple disciplines to determine the structural, electronic, optical, and thermal behavior of nanomaterials; electrical and thermal conductivity; the forces between nanoscale objects; and the transition between classical and quantum behavior. Facilitating communication across many disciplines, this landmark publication encourages scientists with disparate interests to collaborate on interdisciplinary projects and incorporate the theory and methodology of other areas into their work.

This book constitutes the refereed proceedings of the 5th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEWZAN 2006, held in St. Petersburg, Russia in May/June 2006. The 49 revised full papers presented together with 2 keynote talks were carefully reviewed and selected from a total of 137 submissions. The papers are organized in topical sections on teletraffic, traffic characterization and modeling, 3G/UMTS, sensor networks, WLAN, QoS, MANETS, lower layer techniques, PAN technologies, and TCP.

Agents and multi-agent systems are related to a modern software paradigm which has long been recognized as a promising technology for constructing autonomous, complex and intelligent systems. The topics covered in this volume include agent-oriented software engineering, agent co-operation, co-ordination, negotiation, organization and communication, distributed problem solving, specification of agent communication languages, agent privacy, safety and security, formalization of ontologies and conversational agents. The volume highlights new trends and challenges in agent and multi-agent research and includes 38 papers classified in the following specific topics: learning paradigms, agent-based modeling and simulation, business model innovation and disruptive technologies, anthropic-oriented computing, serious games and business intelligence, design and implementation of intelligent agents and multi-agent systems, digital economy, and advances in networked virtual enterprises. Published papers have been presented at the 9th KES Conference on Agent and Multi-Agent Systems - Technologies and Applications (KES-AMSTA 2015) held in Sorrento, Italy. Presented results should be of value to the research community working in the fields of artificial intelligence, collective computational intelligence, robotics, dialogue systems and, in particular, agent and multi-agent systems, technologies, tools and applications.

This book constitutes the joint refereed proceedings of the 12 International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEWZAN, and the 5th Conference on Internet of Things and Smart Spaces, ruSMART 2012, held in St. Petersburg, Russia, in August 2012. The total of 42 papers were carefully reviewed and selected for inclusion in this book. The 14 papers selected from ruSMART are organized in topical sections named: defining an internet-of-things ecosystem; future services; and smart space governing through service mashups. The 28 papers from NEWZAN deal with the following topics: wireless cellular networks; ad-hoc, mesh, and delay-tolerant networks; scalability, cognition, and self-organization; traffic and internet applications; and wireless sensor networks. They also contain 4 selected papers from the NEWZAN 2012 winter session.

Neurodevelopment, Aging and Cognition

9th KES International Conference, KES-AMSTA 2015 Sorrento, Italy, June 2015, Proceedings

Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications

2018 La Rabida International Scientific Meeting on Nuclear Physics

Informally, Labour Mobility and Precariousness

15th International Conference, Coimbra, Portugal, September 8-12, 2018, Proceedings, Part I

The Impacts of Neoliberal Discourse and Language in Education

This book takes a multidisciplinary look at various hot issues in present day tourism development, including studying how global the industry has become; new forms of travel like space tourism; new trends in marketing and promotion.

Bridge Safety, Maintenance, Management, Life-Cycle, Resilience and Sustainability contains lectures and papers presented at the Eleventh International Conference on Bridge Maintenance, Safety and Management (IABMAS 2022, Barcelona, Spain, 11-15 July, 2022). This e-book contains the full papers of 322 contributions presented at IABMAS 2022, including the T.Y. Lin Lecture, 4 Keynote Lectures, and 317 technical papers from 36 countries all around the world. The contributions deal with the state-of-the-art as well as emerging concepts and innovative applications related to the main aspects of safety, maintenance, management, life-cycle, resilience, sustainability and technological innovations of bridges. Major topics include: advanced bridge design, construction and maintenance approaches, safety, reliability, social, political and environmental advancement of developing countries and the importance of tourism in industrialised nations. This book examines the new policies and initiatives established by both the private sector and the state to pursue sustainable tourism growth and identifies the opportunities and challenges inherent in achieving it.

Accessibility, Life-cycle, Resilience and Sustainability: Analytical Models, Bridge Management Systems, Service Life Prediction, Structural Health Monitoring, Non-destructive Testing and Field Testing, Robustness and Redundancy, Durability Enhancement, Repair and Rehabilitation, Fatigue and Corrosion, Extreme Loads, Needs of Bridge Owners, Whole Life Costing and Investment for the Future, Financial Planning and Application of Information and Computer Technology, Big Data Analysis and Artificial Intelligence for Bridges, among others. This volume provides both an up-to-date overview of the field of bridge engineering and significant contributions to the process of making more rational decisions on bridge safety, maintenance, management, life-cycle, resilience and sustainability of bridges for the purpose of enhancing the welfare of society. The volume serves as a valuable reference to all concerned with and/or involved in bridge structure and infrastructure systems, including students, researchers and practitioners from all areas of bridge engineering.

Access information on scholarships, university courses, training and continuing education programs, student employment, and information on handicapped facilities in 2,908 entries concerning postsecondary education in all fields in 120 countries and territories. Information is provided in the language of instruction: English, French or Spanish.

This book constitutes the proceedings of the 13th International Conference on Latent Variable Analysis and Signal Separation, IVA/ICA 2017, held in Grenoble, France, in February 2017. The 53 papers presented in this volume were carefully reviewed and selected from 60 submissions. They were organized in topical sections named: tensor approaches; from source positions to room properties: learning methods for audio scene geometry estimation; tensors and audio; audio signal processing; theoretical developments; physics and bio signal processing; latent variable analysis in observation sciences; ICA theory and applications; and sparsity-aware signal processing.

New Materials, Processes and Equipment

Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design

The Tourism Education Futures Initiative

IFIP TC6 Workshops on Broadband Satellite Communication Systems and Challenges of Mobility, World Computer Congress August 22-27, 2004, Toulouse, France

Broadband Satellite Communication Systems and the Challenges of Mobility

Performance Modelling and Evaluation

Parallel Problem Solving from Nature - PPSN XV

Chemical Modelling: Applications and Theory comprises critical literature reviews of molecular modelling, both theoretical and applied. Molecular modelling in this context refers to modelling the structure, properties and reactions of atoms, molecules & materials. Each chapter is compiled by experts in their fields and provides a selective review of recent literature. With chemical modelling covering such a wide range of subjects, this Specialist Periodical Report serves as the first port of call to any chemist, biochemist, materials scientist or molecular physicist needing to acquaint themselves of major developments in the area. Specialist Periodical Reports provide systematic and detailed review coverage in major areas of chemical research. Compiled by teams of leading authorities in the relevant subject areas, the series creates a unique service for the active research chemist, with regular, in-depth coverage of progress in particular fields of chemistry. Subject coverage within different volumes of a given title is similar and published on an annual or biennial basis. Current subject areas covered are Amino Acids, Peptides, Carbohydrate Chemistry, Catalysis, Chemical Modelling, Chemical Modelling, Applications and Theory, Electron Paramagnetic Resonance, Nuclear Magnetic Resonance, Organometallic Chemistry, Organophosphorus Chemistry, Photochemistry and Spectroscopic Properties of Inorganic and Organometallic Compounds. From time to time, the series has altered according to the fluctuating degrees of activity in the various fields, but these volumes remain a superb reference point for researchers.

This book includes selected peer-reviewed papers presented at the International Conference on Computing and Communication Networks (ICCCN 2021), held at Manchester Metropolitan University, United Kingdom, during 19-20 November 2021. The book covers topics of network and computing technologies, artificial intelligence and machine learning, security and privacy, communication systems, cyber physical systems, data analytics, cyber security for Industry 4.0, and smart and sustainable environmental systems. These proceedings describe processing, materials, and equipment for CMOS front-end integration including gate stack, source/drain and channel engineering. Topics: strained Si/SiGe and Si/SiGe on insulator; high-mobility channels including III-Vs, etc.; nanowires and carbon nanotubes; high-k dielectrics, metal and FUSI gate electrodes; doping/annealing for ultra-shallow junctions; low-resistivity contacts; advanced deposition (e.g. ALD, CVD, MBE), RTP, UV, plasma and laser-assisted processes.

This work offers a fresh perspective to the study of 'Europe' by placing the discussion of 'What is Europe?' and 'What is it to be European?', in a wider context of the study of modernity through a collection of nine case studies.

Knowledge Scission

12th International Conference, NEWZAN 2012, and 5th Conference, ruSMART 2012, St. Petersburg, Russia, August 27-29, 2012, Proceedings

Advanced Gate Stack, Source/drain, and Channel Engineering for Si-based CMOS 2

8th International Conference, NEWZAN 2008 and 1st Russian Conference on Smart Spaces, RuSMART, St. Petersburg, Russia, September 3-5, 2008, Proceedings

Transdisciplinary Engineering for Resilience: Responding to System Disruptions

11th International Conference, NEWZAN 2011 and 4th Conference on Smart Spaces, RuSMART 2011, St. Petersburg, Russia, August 22-15, 2011, Proceedings

Knowledge Scission

This book features material presented at the La Rabida 2018 International Scientific Meeting on Nuclear Physics, which was based on a well-known series of triennial international summer schools on Nuclear Physics organized from 1982 to 2003 by the Basic Nuclear Physics group at the University of Seville and latter, from 2009 to 2018, by the University of Seville and the University of Huelva. The meeting offered graduate students and young researchers a broad overview of the field of nuclear physics. The book includes contributions from invited speakers on topics such as a state-of-the-art nuclear shell model and selected aspects of mass spectroscopy. Other chapters present an introduction to shell model, a review of experimental nuclear reactions, a discussion of the theory of nuclear reactions and an overview of nuclear medicine. Further, the posters and seminars presented by students offer fresh perspectives on various problems current in nuclear physics. This edited collection combines quantitative content and critical discourse analysis to reveal a shift in the rhetoric used as part of the neoliberal agenda in education. It does so by analysing, uncovering, and commenting on language as a central tool of education. Focussing on vocabulary, metaphors, and slogans used in strategy documents, advertising, policy, and public discourse, the text illustrates how concepts such as justice, opportunity, well-being, talent, and disadvantage have been hijacked by educational institutes, governments, and universities. Showing how neoliberalism has changed discourses about education and educational policy, these chapters trace issues such as anti-intellectualism, commercialization, meritocracy, and an erasure of racial difference back to a contradictory growth in egalitarian rhetoric. Given its global scope, this volume offers a timely intervention in the studies of neoliberalism and education by developing a holistic vision of how the language of neoliberalism has changed how we think about education. It will prove to be an essential resource for scholars and researchers working at the intersections of education, policymaking, and neoliberalism.

26th European Symposium on Computer Aided Process Engineering contains the papers presented at the 26th European Society of Computer-Aided Process Engineering (ESCAPE) Event held at Portoroz Slovenia, from June 12th to June 15th, 2016. Themes discussed at the conference include Process-product Synthesis, Design and Integration, Modelling, Numerical analysis, Simulation and Optimization, Process Operations and Control and Education in CAPE/PSE. Presents findings and discussions from the 26th European Society of Computer-Aided Process Engineering (ESCAPE) Event

In fewer than three hundred years tourism has become a global service industry of great economic, cultural and political importance. Published to critical acclaim, the Encyclopedia of Tourism - now available as a Routledge World Reference title - is the definitive one-volume reference source to this challenging multisectoral industry and multi disciplinary field of study. Comprising over one thousand entries, this volume has been written by an international team of contributors to provide a comprehensive guide to both the manifest and hidden dimensions of tourism. It explores the wide range of definitions, concepts, perspectives and institutions which includes:

comprehensive coverage of key issues and concepts definitions of all terms and acronyms entries on the significant institutions, associations and journals in the field country-specific tourism profiles, from Greece to Japan and Kenya to Peru through analysis of the trends and patterns of tourism development and growth. The extensive cross-referencing and comprehensive index will assist the reader in making links between the diverse aspects of tourism studies, and the suggestions for further reading are invaluable.

Part A and B

Issues for a Vulnerable Industry

Supplementing the State for the Invisible and the Vulnerable

5th International Conference, GSKI 2017, Chiang Mai, Thailand, December 8-10, 2017, Revised Selected Papers, Part II

6th International Conference, NEWZAN 2006, St. Petersburg, Russia, May 29-June 2, 2006, Proceedings

Agent and Multi-Agent Systems: Technologies and Applications

Proceedings of International Conference on Computing and Communication Networks

This two-volume set LNCS 11101 and 11102 constitutes the refereed proceedings of the 15th International Conference on Parallel Problem Solving from Nature, PPSN 2018, held in Coimbra, Portugal, in September 2018. The 79 revised full papers were carefully reviewed and selected from 205 submissions. The papers cover a wide range of topics in natural computing including evolutionary computation, artificial neural networks, artificial life, swarm intelligence, artificial immune systems, self-organizing systems, emergent behavior, molecular computing, evolutionary robotics, evolvable hardware, parallel implementations and applications to real-world problems. The papers are organized in the following topical sections: numerical optimization; combinatorial optimization; genetic programming; multi-objective optimization; parallel and distributed frameworks; runtime analysis and approximation results; fitness landscape modeling and analysis; algorithm configuration, selection, and benchmarking; machine learning and evolutionary algorithms; and applications. Also included are the descriptions of 23 tutorials and 6 workshops which took place in the framework of PPSN XV.

Broadband Satellite Communication Systems and the Challenges of Mobility is an essential reference for both academic and professional researchers in the field of telecommunications, computer networking and wireless networks. Recently the request of multimedia services has been rapidly increasing and satellite networks appear to be attractive for a fast service deployment and for extending the typical service area of terrestrial systems. In comparison with traditional wide area networks, a characteristic of satellite communication systems is their ability in broadcasting and multicasting multimedia information flows anywhere over the satellite coverage. The papers presented in this volume highlight key areas such as Satellite Network Architectures, Services and Applications; Mobile Satellite Systems and Services; and Hybrid Satellite and Terrestrial Networks. Mobility will inevitably be one of the main characteristics of future networks, terminals and applications and, thus, extending and integrating fixed network protocols and services to mobile systems represents one of the main issues of present networking. The secondary focus of this volume is on challenges of mobility, that is, on technologies, protocols and services for the support of seamless and nomadic user access to networked applications in person-to-person, device-to-device and device-to-person environments. The book comprises recent results of research and development in the following areas: Seamless mobility; Mobile ad hoc and sensor networks; Analysis, simulation and measurements of mobile and wireless systems; Integration and inter-working of wired and wireless networks; QoS in mobile and wireless networks; Future trends and issues concerning mobility. This state-of-the-art volume contains a collection of papers from two of the workshops of the 18th IFIP World Computer Congress, held August 22-27, 2004, in Toulouse, France; the Workshops on Broadband Satellite Communication Systems, and the Workshop on the Challenges of Mobility.

This book constitutes the refereed proceedings of the 7th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEWZAN 2007, held in St. Petersburg, Russia in September 10-14, 2007. The 39 revised full papers presented were carefully reviewed and selected from a total of 113 submissions. The papers are organized in topical sections on teletraffic, traffic characterization and modeling, 3G/UMTS, sensor networks, WLAN, QoS, MANETS, lower layer techniques, PAN technologies, and TCP.

Distinguishing between sustainable development and sustainable tourism, the authors examine whether, and in what, tourism can contribute to sustainable development and growth. Focusing on different types of tourism appropriate to particular situations, the team of leading contributors draws on examples from around the world - Canada, USA, Spain, Belgium, UK, Australia - to explore tourism's contribution to the economic, social, political and environmental advancement of developing countries and the importance of tourism in industrialised nations. This book examines the new policies and initiatives established by both the private sector and the state to pursue sustainable tourism growth and identifies the opportunities and challenges inherent in achieving it.

The Rise of Peer Production: Collegiality, Collaboration, and Collective Intelligence

Issues in Neuroscience Research and Application: 2011 Edition

Concepts, Methodologies, Tools, and Applications

Knowledge-Based Intelligent Information and Engineering Systems

10th International Conference, KES 2006, Bournemouth, UK, October 9-11 2006, Proceedings

Smart Spaces and Next Generation Wired/Wireless Networking

Next Generation Teletraffic and Wired/Wireless Advanced Networking

The Encyclopedia of the Neurological Sciences, Second Edition develops from the first edition, covering all areas of neurological sciences through over 1000 entries focused on a wide variety of topics in neurology, neurosurgery, psychiatry and other related areas of neuroscience. The contributing authors represent all aspects of neurology from many viewpoints and disciplines to provide a complete overview of the field. Entries are designed to be understandable without detailed background knowledge in the subject matter, and cross-referencing and suggested further reading lead the reader from a basic knowledge of the subject to more advanced understanding. The easy-to-use 'encyclopedic-dictionary' format of the Encyclopedia of the Neurological Sciences, Second Edition features alphabetic entries, extensive cross-referencing, and a thorough index for quick reference. The wealth of information provided by these four volumes makes this reference work a trusted source of valuable information for a wide range of researchers, from undergraduate students to academic researchers. Provide comprehensive coverage of the field of neurological science in over 1,000 entries in 4 volumes 'encyclopedic-dictionary' format provides for concise, readable entries

This two-volume set (CCIS 848 and CCIS 849) constitutes the thoroughly refereed proceedings of the 5th International Conference Geo-Spatial Knowledge and Intelligence, GSKI 2017, held in Chiang Mai, Thailand, in December 2018. The 142 full papers presented were carefully reviewed and selected from 579 submissions. They are organized in topical sections on smart city in resource management and sustainable ecosystem; spatial data acquisition through RS and GIS in resource management and sustainable ecosystem; ecological and environmental data processing and management; advanced geospatial model and analysis for understanding ecological and environmental processes; applications of geo-informatics in resource management and sustainable ecosystem.

This is the first collection focusing on knowledge socialism, a particularly apt term used to describe a Chinese socialist mode of production and socialist approach to development and modernity based around the rise of peer production, new forms of collaboration and collective intelligence. Making the case for knowledge socialism, the book is intended for students, teacher, scholars and policy theorists in the field of knowledge economy.

This book examines the new policies and initiatives established by both the private sector and the state to pursue sustainable tourism growth and identifies the opportunities and challenges inherent in achieving it. The Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design is a scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face. Featuring coverage on a wide range of topics such as user-centered urban planning, perception of urban landscapes, and thermal comfort in urban contexts, this publication is geared toward professionals, practitioners, researchers, and students seeking relevant research on the effective planning of metropolitan areas and their relation to the ecological and sustainability issues that face such areas.

Encyclopedia of the Neurological Sciences

Activating Change in Tourism Education

Interoperability and Open-Source Solutions for the Internet of Things

Internet of Things, Smart Spaces, and Next Generation Networking

Latent Variable Analysis and Signal Separation

Tourism, Development and Growth

How safe is safe enough? We live in a world that is totally dependent on chemicals, be they agrochemicals, pharmaceuticals, colorants - it is vitally important that we adopt a sustainable strategy for an environment containing some 11 million chemicals. This book provides a pragmatic guide to the basic tools of chemical safety assessment and risk assessment to safety evaluation and legal aspects. It is truly global in coverage with contributors drawn from East and West, North and South. It covers natural and artificial hazards to the environment, including the potentially catastrophic effects of modern warfare, and encompasses pollution of air, water and soil as well as occupational exposure to chemicals. Everyone with a professional interest in pollution control will find this an invaluable source of information - chemists, environmental scientists, chemical engineers, political scientists, toxicologists, ecotoxicologists, in industry, academia, government departments and international agencies - all will be guided and challenged by the wealth of knowledge it contains.

From driverless cars to vehicular networks, recent technological advances are being employed to increase road safety and improve driver satisfaction. As with any newly developed technology, researchers must take care to address all concerns, limitations, and dangers before widespread public adoption. Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications addresses current trends in transportation technologies, such as smart cars, green technologies, and infrastructure development. This multivolume book is a critical reference source for engineers, computer scientists, transportation authorities, students, and practitioners in the field of transportation systems management.

This volume set LNCS 11101 and 11102 constitutes the post-conference proceedings of the 17th International Conference on Security and Privacy in Communication Networks, SecureComm 2021, held in September 2021. Due to COVID-19 pandemic the conference was held virtually. The 56 full papers were carefully reviewed and selected from 143 submissions. The papers focus on the latest scientific research results in security and privacy in wired, mobile, hybrid and ad hoc networks, in IoT technologies, in cyber-physical systems, in next-generation communication systems in web and systems security and in pervasive and ubiquitous computing.

As the world faces many serious challenges informed, courageous and mindful leadership is needed for a better future. The Tourism Education Futures Initiative (TEFI) is the collective effort of a group of innovative, thoughtful and committed scholars and industry leaders seeking to provide vision, knowledge, and a framework for tourism education programs that promote global citizenship and optimism for a better world. This book consolidates some of TEFI's work as it seeks to be the leading, forward-looking network that inspires, informs and supports tourism educators and students to passionately and courageously transform the world for the better. It makes the case for why change is needed, and how tourism educators can respond to that change with the specialities and values-based tools. The book contains papers published in special TEFI issues of the Journal of Teaching in Travel & Tourism (JTTF), which question and explore some of the most important theoretical, conceptual and practical issues facing tourism education now and into the future. The book concludes by integrating the special issues' key contributions with a brief conceptualisation of education futures before it outlines TEFI's framework for action over the coming years. Tourism educators worldwide will find that this volume serves two important purposes.

On the one hand, it provides a critical and proactively about tourism education, while on the other sharing examples of teaching and learning tools that seek to prepare our students for the future and to be global citizens that live lives of consequence. This book is a collection of articles from the Journal of Teaching in Travel and Tourism.

17th EA International Conference, SecureComm 2021, Virtual Event, September 6-9, 2021, Proceedings, Part I

Estudios en el extranjero

Encyclopedia of Tourism

Databases and Nutrition

Critical Perspectives on a Rhetoric of Equality, Well-Being, and Justice

Europe, Nations and Modernity

Estudios en El Extranjero

TheInternationalConferenceonMachineLearningandDataMining(MLDM)is the third meeting in a series of biennial events, which started in 1999, organized by the Institute of Computer Vision and Applied Computer Sciences (IBa) in Leipzig. MLDM began as a workshop and is now a conference, and has brought the topic of machine learning and data mining to the attention of the research community. Seventy-7ve papers were submitted to the conference this year. The program committee worked hard to select the most progressive research in a fair and transparent review process which led to the acceptance of 33 papers for presentation at the conference. The 33 papers in these proceedings cover a wide variety of topics related to machine learning and data mining. The two invited talks deal with learning in case-based reasoning and with mining for structural data. The contributed papers can be grouped into nine areas: support vector machines; pattern dis- very; decision trees; clustering; classification and retrieval; case-based reasoning; Bayesian models and methods; association rules; and applications. We would like to express our appreciation to the reviewers for their precise and highly professional work. We are grateful to the German Science Foundation for its support of the Eastern European researchers. We appreciate the help and understanding of the editorial staff at Springer-Verlag, and in particular Alfred Hofmann, who supported the publication of these proceedings in the LNCS series. Last, but not least, we wish to thank all the speakers and participants who contributed to the success of the conference.

From the erosion state legitimacy in Lebanon to the use of smartphones in Kyrgyzstan, from a Polish suburb to the music scene in Azerbaijan, this volume attempts to explain why, in a variety of world regions, a substantial number of people tend to ignore or act against state rules. We propose to look at informality beyond simplistic associations of the phenomenon with a single category such as "informal labour" or "corruption". By doing this, we propose to look for a correlation between the emergence, and persistence, of some informal practices and the quality of governance in a given area. We also suggest that a better understanding of the variety of informal practices present in a region can help conceptualising more adequate interventions and eventually improve the socio-economic conditions of its inhabitants.

Issues in Neuroscience Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Neuroscience Research and Application. The editors have built Issues in Neuroscience Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Neuroscience Research and Application 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 Issues in Neuroscience 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 a selection of expanded research papers from the Fourth IFIP Workshop on the Performance Modelling and Evaluation of ATM Networks. It provides a fundamental source of reference on the latest research techniques and tools concerning ATM networks worldwide. A number of important topics are featured including: traffic modelling and characterisation, models of ATM switches, network management, high speed LANs and MANs and routing and optimization.

International Workshop, FP7 OpenIoT Project, Held in Conjunction with SoftCOM 2014, Split, Croatia, September 18, 2014, Invited Papers

Geo-Spatial Knowledge and Intelligence

Nanomedicine and Nanorobotics

26th European Symposium on Computer Aided Process Engineering

Security and Privacy in Communication Networks

Proceedings of the Eleventh International Conference on Bridge Maintenance, Safety and Management (IABMAS 2022), Barcelona, Spain, July 11-15, 2022

ICCN 2021

This book constitutes the refereed proceedings of the 11th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEWZAN 2011 and the 4th Conference on Smart Spaces, ruSMART 2011 jointly held in St. Petersburg, Russia, in August 2011. The 56 revised full papers presented were carefully reviewed and selected from numerous submissions. The ruSMART papers are organized in topical sections on role of context in smart spaces, smart spaces platforms and smart-M3, methods for studying smart spaces, and smart spaces solutions. The NEWZAN papers are organized in topical sections on wireless PHY and power control, ad hoc networks, WSN, special topics, simulation + fundamental analysis I, traffic modeling and measurement, simulation + fundamental analysis II, network performance and QoS, cooperative, P2P, overlay networks and content, applications and services, API and software, and video.

The three volume set LNAI 4251, LNAI 4252, and LNAI 4253 constitutes the refereed proceedings of the 10th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2006, held in Bournemouth, UK, in October 2006. The 480 revised papers presented were carefully reviewed and selected from about 1400 submissions. The papers present a wealth of original research results from the field of intelligent information processing.

The Tourism Education Futures Initiative Activating Change in Tourism Education Routledge

This book constitutes the refereed proceedings of the 8th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networking, NEWZAN 2008, held in St. Petersburg, Russia in September 3-5, 2008 in conjunction with the First ruSMART 2008. The 21 revised full papers presented were carefully reviewed and selected from a total of 60 submissions. The NEWZAN papers are organized in topical sections on wireless networks, multi-hop wireless networks, cross-layer design, teletraffic theory, multimedia communications, heterogeneous networks, network security. The ruSMART papers start with three keynote talks followed by seven articles on Smart Spaces.

7th International Conference, NEWZAN 2007, St. Petersburg, Russia, September 10-14, 2007, Proceedings

The Challenge of Sustainability

Handbook of Nanophysics

Machine Learning and Data Mining in Pattern Recognition

Third International Conference, MLDM 2003, Leipzig, Germany, July 5-7, 2003, proceedings

International Reference Manual

13th International Conference, IVA/ICA 2017, Grenoble, France, February 21-23, 2017, Proceedings

This book constitutes the thoroughly refereed post-conference proceedings of the International Workshop on Interoperability and Open-Source Solutions for the Internet of Things, FP7 OpenIoT project, held in Conjunction with SoftCOM 2014, in Split, Croatia, in September 2014. The 11 revised full papers presented together with the extended abstracts of 2 keynote talks were carefully reviewed and selected from numerous submissions during two rounds of reviewing and improvement. The papers are organized in topical sections on OpenIoT platforms, open platforms and standards, and IoT Applications.

It was Oscar Wilde who defined the tragedy of old age by saying that "... as soon as you are old enough to know better, you don't know anything at all." "As improvements in the quality of health care bring about longer life, our attention has turned from the prolonging of life to the maintenance of involvement in life. In developed nations, a full 100% increase in the ranks of the elderly has appeared and with the benefits of this prolongation have come new and greater needs of the elderly cohort. Our interest is in those processes that may lead to dementia among the elderly, for in dementia we see a thief that robs victims of their memories and their place in life. This text was conceived and developed from an international conference on neurodevelopment, aging, and cognition; the purpose of this few days a group of experts in these conference was to bring together for a fields from around the world to generate a dialog on common themes and unresolved problems. Our hope was that by keeping the meeting small and informal, we could break through barriers of terminology unique to the areas of developmental neurobiology, neuroscience, cognitive science, and clinical medicine, and have a meaningful discussion on processes that affect the biological integrity and cognitive performance of the aging nervous system.

Applications and Theory

Tourism Development

Chemical Modelling

ATM Networks

Bridge Safety, Maintenance, Management, Life-Cycle, Resilience and Sustainability

Basic Concepts in Nuclear Physics: Theory, Experiments and Applications