

## Jee Architecture Sample Papers 2013

This book studies the three concepts of translation, education and innovation from a Nordic and international perspective on Japanese and Korean societies. It presents findings from pioneering research into cultural translation, Japanese and Korean linguistics, urban development, traditional arts, and related fields. Across recent decades, Northern European scholars have shown increasing interest in East Asia. Even though they are situated on opposite sides of the Eurasia landmass, the Nordic nations have a great deal in common with Japan and Korea, including vibrant cultural traditions, strong educational systems, and productive social democratic economies. Taking a cross-cultural and interdisciplinary approach, and in addition to the examination of the three key concepts, the book explores several additional intersecting themes, including sustainability, nature, humour, aesthetics, cultural survival and social change, discourse and representation. This book offers a collection of original interdisciplinary research from the 25th anniversary conference of the Nordic Association for Japanese and Korean Studies (2013). Its 21 chapters are divided into five parts according to interdisciplinary themes: Translational Issues in Literature, Analyses of Korean and Japanese Languages, Language Education, Innovation and New Perspectives on Culture, and The Arts in Innovative Societies.

This handbook is organized under three major parts. The first part of this handbook deals with multimedia security for emerging applications. The chapters include basic concepts of multimedia tools and applications, biological and behavioral biometrics, effective multimedia encryption and secure watermarking techniques for emerging applications, an adaptive face identification approach for android mobile devices, and multimedia using chaotic and perceptual hashing function. The second part of this handbook focuses on multimedia processing for various potential applications. The chapter includes a detail survey of image processing based automated glaucoma detection techniques and role of de-noising, recent study of dictionary learning based image reconstruction techniques for analyzing the big medical data, brief introduction of quantum image processing and it applications, a segmentation-less efficient Alzheimer detection approach, object recognition, image enhancements and de-noising techniques for emerging applications, improved performance of image compression approach, and automated detection of eye related diseases using digital image processing. The third part of this handbook introduces multimedia applications. The chapter includes the extensive survey on the role of multimedia in medicine and multimedia forensics classification, a finger based authentication system for e-health security, analysis of recently developed deep learning techniques for emotion and activity recognition. Further, the book introduce a case study on change of ECG according to time for user identification, role of multimedia in big data, cloud computing, the Internet of things (IoT) and blockchain environment in detail for real life applications. This handbook targets researchers, policy makers, programmers and industry professionals in creating new knowledge for developing efficient techniques/framework for multimedia applications. Advanced level students studying computer science, specifically security and multimedia will find this book useful as a reference.

This book constitutes the thoroughly refereed post-conference proceedings of the Second International Symposium on Foundations of Health Information Engineering

and Systems, FHIES 2012, held in Paris, France, in August 2012. The 11 revised full papers presented together with 3 short papers in this volume were carefully reviewed and selected from 26 submissions. Topics of interest covered in this volume are such as software engineering; systems engineering; data engineering; applied mathematics; and psychology.

This volume contains the papers of the 9th International Conference on Computing and Information Technology (IC2IT 2013) held at King Mongkut's University of Technology North Bangkok (KMUTNB), Bangkok, Thailand, on May 9th-10th, 2013. Traditionally, the conference is organized in conjunction with the National Conference on Computing and Information Technology, one of the leading Thai national events in the area of Computer Science and Engineering. The conference as well as this volume is structured into 3 main tracks on Data Networks/Communication, Data Mining/Machine Learning, and Human Interfaces/Image processing.

This textbook describes the biomechanics of bone, cartilage, tendons and ligaments. It is rigorous in its approach to the mechanical properties of the skeleton yet it does not neglect the biological properties of skeletal tissue or require mathematics beyond calculus. Time is taken to introduce basic mechanical and biological concepts, and the approaches used for some of the engineering analyses are purposefully limited. The book is an effective bridge between engineering, veterinary, biological and medical disciplines and will be welcomed by students and researchers in biomechanics, orthopedics, physical anthropology, zoology and veterinary science. This book also: Maximizes reader insights into the mechanical properties of bone, fatigue and fracture resistance of bone and mechanical adaptability of the skeleton Illustrates synovial joint mechanics and mechanical properties of ligaments and tendons in an easy-to-understand way Provides exercises at the end of each chapter

This issue of A+BE addresses two critical urban issues China faces today: housing and urban renewal. In the recent two decades, the Chinese urban housing stock underwent a significant, if not extreme, transformation. From 1949 to 1998, the urban housing stock in China largely depended on the public sector, and a large amount of public housing areas were developed under the socialistic public housing system in Beijing and other Chinese cities. Yet in 1998, a radical housing reform stopped this housing system. Thus, most of the public housing stock was privatized and the urban housing provision was conferred to the market. The radical housing privatization and marketization did not really resolve but intensified the housing problem. Along with the high-speed urbanization, the alienated, capitalized and speculative housing stock caused a series of social and spatial problems. The Chinese government therefore attempted to reestablish the social housing system in 2007. However, the unbalanced structure of the Chinese urban housing stock has not been considerably optimized and the housing problem is still one of the most critical challenges in China.

This book constitutes the refereed post-conference proceedings of the International Conference on Safety and Security in Internet of Things , SaSeIoT 2016, which was collocated with InterIoT and took place in Paris, France, in October 2016. The 14 revised full papers were carefully reviewed and selected from 22 submissions and cover all aspects of the latest research findings in the area of Internet of Things (IoT). Colonial powers in China and northern Vietnam employed the built environment for many purposes: as an expression of imperial aspirations, a manifestation of

supremacy, a mission to civilize, a re-creation of a home away from home, or simply as a place to live and work. In this volume, scholars of city planning, architecture, and Asian and imperial history provide a detailed analysis of how colonization worked on different levels, and how it was expressed in stone, iron, and concrete. The process of creating the colonial built environment was multilayered and unpredictable. This book uncovers the regional diversity of the colonial built form found from Harbin to Hanoi, varied experiences of the foreign powers in Asia, flexible interactions between the colonizers and the colonized, and the risks entailed in building and living in these colonies and treaty ports.

This two volume set LNAI 8102 and LNAI 8103 constitutes the refereed proceedings of the 6th International Conference on Intelligent Robotics and Applications, ICIRA 2013, held in Busan, South Korea, in September 2013. The 147 revised full papers presented were carefully reviewed and selected from 184 submissions. The papers discuss various topics from intelligent robotics, automation and mechatronics with particular emphasis on technical challenges associated with varied applications such as biomedical application, industrial automation, surveillance and sustainable mobility.

Encyclopedia of Food Chemistry is the ideal primer for food scientists, researchers, students and young professionals who want to acquaint themselves with food chemistry. Well-organized, clearly written, and abundantly referenced, the book provides a foundation for readers to understand the principles, concepts, and techniques used in food chemistry applications. Articles are written by international experts and cover a wide range of topics, including food chemistry, food components and their interactions, properties (flavor, aroma, texture) the structure of food, functional foods, processing, storage, nanoparticles for food use, antioxidants, the Maillard and Strecker reactions, process derived contaminants, and the detection of economically-motivated food adulteration. The encyclopedia will provide readers with an introduction to specific topics within the wider context of food chemistry, as well as helping them identify the links between the various sub-topics. Offers readers a comprehensive understanding of food chemistry and the various connections between the sub-topics Provides an authoritative introduction for non-specialists and readers from undergraduate levels and upwards Meticulously organized, with articles structured logically based on the various elements of food chemistry

This book presents the proceedings of the KES International Conferences on Innovation in Medicine and Healthcare (KES-InMed-19), held in Split, Croatia, on June 17–19, 2020. Covering a number of key areas, including digital IT architecture in healthcare; advanced ICT for medicine and healthcare; biomedical engineering, trends, research and technologies; and healthcare support systems, this book is a valuable resource for researchers, managers, industrialists and anyone wishing to gain an overview of the latest research in these fields. This book constitutes the thoroughly refereed proceedings of the 2012 ICSOC Workshops consisting of 6 scientific satellite events, organized in 3 main tracks including workshop track (ASC, DISA, PAASC, SCEB, SeMaPS and WESOA 2012), PhD symposium track, demonstration track; held in conjunction with the 10th International Conference on Service-Oriented Computing (ICSOC), in Shanghai, China, November 2012. The 53 revised papers presents a wide range of topics that fall into the general area of service computing such as business process management, distributed systems, computer networks, wireless and mobile computing, grid computing, networking, service science, management science, and software engineering.

Asian Alleyways: An Urban Vernacular in Times of Globalization critically explores "Global Asia" and the metropolization process, specifically from its alleyways, which are understood as ordinary neighbourhood landscapes providing the setting for everyday urban life and place-

based identities being shaped by varied everyday practices, collective experiences and forces. Beyond the mainstream, standardising vision of the metropolization process, Asian Alleyways offers a nuanced overview of urban production in Asia at a time of great changes, and will be welcomed by an array of scholars, students, and all those interested in the modern transformation of Asian cities and their urban cultures.

This book constitutes the thoroughly refereed proceedings of the 7th International Conference on Software and Data Technologies, ICSOFT 2012, held in Rome, Italy, in July 2012. The 14 revised full papers presented were carefully reviewed and selected from 127 submissions. The papers focus on the following research topics and applications: programming issues, theoretical aspects of software engineering, management information systems, distributed systems, ubiquity, data interoperability, context understanding.

The revolutionary way in which modern technologies have enabled us to exchange information with ease has led to the emergence of interdisciplinary research in digital forensics and investigations, which aims to combat the abuses of computer technologies. Emerging Digital Forensics Applications for Crime Detection, Prevention, and Security presents various digital crime and forensic disciplines that use electronic devices and software for crime prevention and detection. This book provides theoretical and empirical research articles and case studies for a broad range of academic readers as well as professionals, industry consultants, and practitioners involved in the use, design, and development of techniques related to digital forensics and investigation.

Learn Revit Architecture with expert instruction from this Autodesk Official Press guide The new edition of this bestselling Revit book is the most useful and approachable Mastering Revit Architecture yet. Thoroughly revised and updated, this comprehensive guide to Autodesk's industry-leading building information modeling (BIM) software features in-depth explanations, real-world examples, and practical tutorials help you grasp crucial tools, techniques, and concepts so you can quickly start doing real work in Revit. You will learn core BIM concepts and best practices for everything from putting together impressive building designs to producing solid documentation, creating visualizations that impress clients, and more. Hands-on exercises with downloadable before-and-after files provide plenty of opportunities to practice the real-world scenarios and hone all the crucial Revit skills. Explains the user interface, general concepts, best practices, and new features of Revit 2014 Teaches modeling, massing, and visualization with Revit Helps users develop extended modeling skills for walls, stairs, floors, and more Features detailed documentation and presentation techniques Provides detailed instruction, step-by-step tutorials, and numerous examples Includes downloadable starting and ending files and additional advanced content Offers information to help readers prepare for Autodesk's certification exams This detailed reference and tutorial is the perfect resource for becoming an expert with Autodesk's powerful BIM software.

Service and network providers must be able to satisfy the demands for new services, improve the quality of service, reduce the cost of network service operations and maintenance, control performance and adapt to user demands. These challenges are so important for the future of our communication environment that it is essential to investigate different approaches for controlling and optimizing network resources. Network Control and Engineering for QoS, Security and Mobility II addresses the problem of network control and engineering with a focus on control of quality of service, management of security, and supervision of mobility. New trends in these different fields are also investigated. This volume contains the proceedings of the Second International Conference on NETWORK CONTROL and Engineering (NETCON) for Quality of Service, Security and Mobility, which convened in Oman in October 2003. The conference was sponsored by the International Federation for Information Processing

(IFIP) and organized by IFIP's Working Groups 6.2 on Network and Internetwork Architecture, 6.6 on Network Management, and 6.7 on Smart Networks.

The content of this book is intended to provide the toxicologist in drug development in the pharmaceutical and biotechnology industries with a broad understanding of bone and its interactions with other organ systems in safety assessments. The book is divided into three parts. The first part describes our current understanding of bone biology and its primary regulatory pathways. Additional chapters address regulatory and study design considerations for incorporating bone end points in toxicology studies, with special consideration being given to juvenile toxicology studies. This is intended to address recent regulatory requirements to evaluate skeletal development for drugs in development for pediatric populations. The second part of the book describes the principal techniques and methods used in bone research; understanding how these end-points are derived is fundamental to their appropriate application. These first two parts of the book provide the background and the means to develop the concepts in part three which describes bone and its interaction with other organ systems. The unique series of chapters in part three, contributed to by key leaders in their respective fields and in bone research, provides a comprehensive collective work. Although constantly evolving, the crosstalk and interaction of the skeleton with several organ systems is now recognized and well documented, such as for the reproductive system, muscle and kidney, while our understanding of the interaction with other organ systems, such as the immune system and CNS, is in its infancy. Recent work highlights the key role of the skeleton in the regulation of energy metabolism and the impact this has on research in metabolic diseases such as obesity and diabetes. The hope is that this book will enlighten many and encourage more to explore the impact of new compounds on the skeleton in the development of effective and safe drugs.

Within global commerce, services and management play a vital role in the economy. Service systems are necessary for organizations, and a multi-disciplinary approach is ideal to establish full understanding of these systems. *Best Practices and New Perspectives in Service Science and Management* provides original research on all aspects of service science, service management, service engineering, and its supporting technology in order to administer cutting-edge knowledge to encourage the improvement of services. This book is essential for researchers and practitioners in the fields of computer science, software management, and engineering.

*Comprehensive Foodomics* offers a definitive collection of over 150 articles that provide researchers with innovative answers to crucial questions relating to food quality, safety and its vital and complex links to our health. Topics covered include transcriptomics, proteomics, metabolomics, genomics, green foodomics, epigenetics and noncoding RNA, food safety, food bioactivity and health, food quality and traceability, data treatment and systems biology. Logically structured into 10 focused sections, each article is authored by world leading scientists who cover the whole breadth of Omics and related technologies, including the latest advances and applications. By bringing all this information together in an easily navigable reference, food scientists and nutritionists in both academia and industry will find it the perfect, modern day compendium for frequent reference. List of sections and Section Editors: Genomics - Olivia McAuliffe, Dept of Food Biosciences, Moorepark, Fermoy, Co. Cork, Ireland Epigenetics & Noncoding RNA - Juan Cui, Department of Computer Science &

Engineering, University of Nebraska-Lincoln, Lincoln, NE Transcriptomics - Robert Henry, Queensland Alliance for Agriculture and Food Innovation, The University of Queensland, St Lucia, Australia Proteomics - Jens Brockmeyer, Institute of Biochemistry and Technical Biochemistry, University Stuttgart, Germany Metabolomics - Philippe Schmitt-Kopplin, Research Unit Analytical BioGeoChemistry, Neuherberg, Germany Omics data treatment, System Biology and Foodomics - Carlos Leon Canseco, Visiting Professor, Biomedical Engineering, Universidad Carlos III de Madrid Green Foodomics - Elena Ibanez, Foodomics Lab, CIAL, CSIC, Madrid, Spain Food safety and Foodomics - Djuro Josi?, Professor Medicine (Research) Warren Alpert Medical School, Brown University, Providence, RI, USA & Sandra Kraljevi? Paveli?, University of Rijeka, Department of Biotechnology, Rijeka, Croatia Food Quality, Traceability and Foodomics - Daniel Cozzolino, Centre for Nutrition and Food Sciences, The University of Queensland, Queensland, Australia Food Bioactivity, Health and Foodomics - Miguel Herrero, Department of Bioactivity and Food Analysis, Foodomics Lab, CIAL, CSIC, Madrid, Spain Brings all relevant foodomics information together in one place, offering readers a 'one-stop,' comprehensive resource for access to a wealth of information Includes articles written by academics and practitioners from various fields and regions Provides an ideal resource for students, researchers and professionals who need to find relevant information quickly and easily Includes content from high quality authors from across the globe

With the growth of international business and the rise of companies with subsidiaries around the world, the question of where a company should file bankruptcy proceedings has become increasingly complicated. Today, most businesses are likely to have international trading partners, or to operate and hold assets in more than one country. To execute a corporate restructuring or liquidation under several different insolvency regimes at once is an enormous and expensive challenge. With *International Bankruptcy*, Jodie Adams Kirshner explores the issues involved in determining which courts should have jurisdiction and which laws should apply in addressing problems within. Kirshner brings together theory with the discussion of specific cases and legal developments to explore this developing area of law. Looking at the key issues that arise in cross-border proceedings, *International Bankruptcy* offers a guide to this legal environment. In addition, she explores how globalization has encouraged the creation of new legal practices that bypass national legal systems, such as the European Insolvency Framework and the Model Law on Cross-Border Insolvency of the United Nations Commission on International Trade Law. The traditional comparative law framework misses the nuances of these dynamics. Ultimately, Kirshner draws both positive and negative lessons about regulatory coordination in the hope of finding cleaner and more productive paths to wind down or rehabilitate failing international companies.

Corporations accumulate a lot of valuable data and knowledge over time, but storing and maintaining this data can be a logistic and financial headache for business leaders and IT specialists. *Uncovering Essential Software Artifacts through Business Process Archaeology* introduces an emerging method of software modernization used to effectively manage legacy systems and company operations supported by such systems. This book presents methods, techniques, and new trends on business process archeology as well as some industrial success stories. Business experts,

professionals, and researchers working in the field of information and knowledge management will use this reference source to efficiently and effectively implement and utilize business knowledge.

Goyal Brothers Prakashan

Genome Engineering via CRISPR-Cas9 Systems presents a compilation of chapters from eminent scientists from across the globe who have established expertise in working with CRISPR-Cas9 systems. Currently, targeted genome engineering is a key technology for basic science, biomedical and industrial applications due to the relative simplicity to which they can be designed, used and applied. However, it is not easy to find relevant information gathered in a single source. The book contains a wide range of applications of CRISPR in research of bacteria, virus, algae, plant and mammalian and also discusses the modeling of drosophila, zebra fish and protozoan, among others. Other topics covered include diagnosis, sensor and therapeutic applications, as well as ethical and regulatory issues. This book is a valuable source not only for beginners in genome engineering, but also researchers, clinicians, stakeholders, policy makers, and practitioners interested in the potential of CRISPR-Cas9 in several fields. Provides basic understanding and a clear picture on how to design, use and implement the CRISPR-Cas9 system in different organisms Explains how to create an animal model for disease research and screening purposes using CRISPR Discusses the application of CRISPR-Cas9 systems in basic sciences, biomedicine, virology, bacteriology, molecular biology, neurology, cancer, industry, and many more

This book constitutes revised papers from the six workshops held at the 19th International Conference on Business Information Systems, BIS 2016, held in Leipzig, Germany, in July 2016. The workshops included in this volume are: \* The 8th Workshop on Applications of Knowledge-Based Technologies in Business - AKTB2016 accepted 7 papers from 14 submissions and features 1 invited talk. \* The 7th Workshop on Business and IT Alignment - BITA 2016 selected 6 papers from 12 submissions. \* The Workshop on Big Data and Business Analytics Ecosystems - DeBASE 2016 has 4 papers in this volume. \* The First International Workshop on Intelligent Data Analysis in Integrated Social CRM - iCRM 2016 features 5 contributions. \* The Second International Workshop on Digital Enterprise Engineering and Architecture - IDEA 2016 contributes 4 papers to this volume. \* The First International Workshop on Integrative Analysis and Computation of Life Data for Smart Ecosystems - INCLuDE 2016 publishes 4 research papers. In addition, BIS hosted a Doctoral Consortium which was organized in a workshop formula. The best papers from this event are included in the book. In total, the workshops had 84 submissions of which 38 were accepted for publication.

Exploring the works of key women writers within their cultural, artistic and socio-political contexts, this book considers changes in the perception of women in early modern China. The sixteenth century brought rapid developments in technology, commerce and the publishing industry that saw women emerging in new roles as both consumers and producers of culture. This book examines the place of women in the cultural elite and in society more generally, reconstructing examples of particular women's personal experiences, and retracing the changing roles of women from the late Ming to the early Qing era (1580-1700). Providing rich detail of exceptionally fine, interesting and engaging literary works, this book opens fascinating new windows onto the lives, dreams, nightmares, anxieties and desires of the authors and the world out of which they emerged.

This book contains the proceedings of the KES International conferences on Innovation in Medicine and Healthcare (KES-InMed-19) and Intelligent Interactive Multimedia Systems and

Services (KES-IIMSS-19), held on 17–19 June 2019 and co-located in St. Julians, on the island of Malta, as part of the KES Smart Digital Futures 2019 multi-theme conference. The major areas covered by KES-InMed-19 include: Digital IT Architecture in Healthcare; Advanced ICT for Medical and Healthcare; Biomedical Engineering, Trends, Research and Technologies and Healthcare Support System. The major areas covered by KES-IIMSS-19 were: Interactive Technologies; Artificial Intelligence and Data Analytics; Intelligent Services and Architectures and Applications. This book is of use to researchers in these vibrant areas, managers, industrialists and anyone wishing to gain an overview of the latest research in these fields. This book constitutes the refereed proceedings of the First International Workshop on Engineering Multi-Agent Systems, EMAS 2013, held in St. Paul, MN, USA, in May 2013. The 19 full papers were carefully reviewed and selected from 30 submissions. The focus of the papers is on following topics: agent-oriented software engineering, declarative agent languages and technologies, and programming multi-agent systems.

With the evolution of digitized data, our society has become dependent on services to extract valuable information and enhance decision making by individuals, businesses, and government in all aspects of life. Therefore, emerging cloud-based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increases. Data Intensive Storage Services for Cloud Environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments. This reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers.

Increasingly integrated global financial markets have been shaken by a series of severe shocks in recent decades, from Mexico's Tequila crisis to the upheavals in the Eurozone. These crises have demonstrated that signs of uncertain local economic and political conditions can result in market fluctuations which in turn cause economic, social, and political instability. Such instability is particularly severe for developing countries that rely heavily on international financial markets for their financial needs. Building credibility in these markets is therefore important for national governments who wish to prevent market panic and capital flight and, ultimately, to achieve stable economic growth. Earlier studies have argued that institutional arrangements that constrain governments and commit them to protecting private property rights and market-friendly policies can send a strong positive signal to the markets about a given country's sovereign credibility. This book argues, however, that the market perception of such credibility-building institutions is significantly contingent on which party governs the country. Formal institutions confer significant credibility-building effects on left-wing governments, whereas less or no significant effects are enjoyed by right-wing governments. And beyond that, any significant changes in a country's institutional landscape—such as a breakdown of democracy or joining an international organization that can influence domestic politics—have particularly strong impact on the credibility of left-wing governments. This argument is supported by a quantitative analysis of sovereign credit ratings data collected from around 90 developing countries from 1980 to 2007, by case studies from South Asia, Eastern Europe and Latin America, and by face-to-face interviews with 24 financial market experts based in Hong Kong, Seoul, and Paris.

The 9th International Conference on Computing and Information Technology (IC2IT2013) 9th-10th May 2013 King Mongkut's University of Technology North Bangkok Springer Science & Business Media

The adoption of agriculture is one of the major developments in human history. Archaeological studies have demonstrated that the trajectories of Neolithisation in Northwest Europe were diverse. This book presents a study into the archaeology of the communities involved in the process of Neolithisation in the Lower Rhine Area (5500-2500 cal BC). It elucidates the role played by the indigenous communities in relation to their environmental context and in view of

the changes that becoming Neolithic brought about. This work brings together a comprehensive array of excavated archaeological sites in the Lower Rhine Area. Their analysis shows that the succession of Late Mesolithic, Swifterbant culture, Hazendonk group and Vlaardingeng culture societies represents a continuous long-term tradition of inhabitation of the wetlands and wetland margins of this area, forming a culturally continuous record of communities in the transition to agriculture. After demonstrating the diversity of the Mesolithic, the subsequent developments regarding Neolithisation are studied from an indigenous perspective. Foregrounding the relationship between local communities and the dynamic wetland landscape, the study shows that the archaeological evidence of regional inhabitation points to long-term flexible behaviour and pragmatic decisions being made concerning livelihood, food economy and mobility. This disposition also influenced how the novel elements of Neolithisation were incorporated. Animal husbandry, crop cultivation and sedentism were an addition to the existing broad spectrum economy but were incorporated within a set of integrative strategies. For the interpretation of Neolithisation this study offers a complementary approach to existing research. Instead of arguing for a short transition based on the economic importance of domesticates and cultigens at sites, this study emphasises the persistent traditions of the communities involved. New elements, instead of bringing about radical changes, are shown to be attuned to existing hunter-gatherer practices. By documenting indications of the mentalité of the inhabitants of the wetlands, it is demonstrated that their mindset remained essentially 'Mesolithic' for millennia. This book is accompanied by a separate 422 page volume containing the appendices. These constitute a comprehensive inventory of 159, mostly excavated archaeological sites in the Lower Rhine Area.

The world of medical technologies is undergoing a sea change in the domain of consumer culture. Having a grasp on what appeals to consumers and how consumers are making purchasing decisions is essential to the success of any organization that thrives by offering a product or service. As such, it is vital to examine the consumer-centered aspects of medical technological developments that have a patient-centered focus and allow patients to take part in their own personal health and wellness.

*Consumer-Driven Technologies in Healthcare: Breakthroughs in Research and Practice* is a critical source of academic knowledge on the use of smartphones and other technological devices for cancer therapy, fitness and wellness, chronic disease monitoring, and other areas. The tracking of these items using technology has allowed consumers to take control of their own healthcare. Highlighting a range of pertinent topics such as clinical decision support systems, patient engagement, and electronic health records, this publication is an ideal reference source for doctors, nurse practitioners, hospital administrators, medical professionals, IT professionals, academicians, and researchers interested in advancing medical practice through technology.

This book provides a comprehensive view of green communications considering all areas of ICT including wireless and wired networks. It analyses particular concepts and practices, addressing holistic approaches in future networks considering a system perspective. It makes full use of tables, illustrations, performance graphs, case studies and examples making it accessible for a wide audience.

This book contains a range of keynote papers and submitted papers presented at the 10th IFIP WG 9.2, 9.5, 9.6/11.7, 11.4, 11.6/SIG 9.2.2 International Summer School, held in Edinburgh, UK, in August 2015. The 14 revised full papers included in this volume were carefully selected from a total of 43 submissions and were subject to a two-step review process. In addition, the volume contains 4 invited keynote papers. The

papers cover a wide range of topics: cloud computing, privacy-enhancing technologies, accountability, measuring privacy and understanding risks, the future of privacy and data protection regulation, the US privacy perspective, privacy and security, the PRISMS Decision System, engineering privacy, cryptography, surveillance, identity management, the European General Data Protection Regulation framework, communicating privacy issues to the general population, smart technologies, technology users' privacy preferences, sensitive applications, collaboration between humans and machines, and privacy and ethics.

This book constitutes extended, revised and selected papers from the 6th International Conference on Cloud Computing and Services Science, CLOSER 2016, held in Rome, Italy, in April 2016. The 16 papers presented in this volume were carefully reviewed and selected from a total of 123 submissions. The volume also contains two invited papers. CLOSER 2016 focused on the emerging area of cloud computing, inspired by recent advances related to infrastructures, operations, and service availability through global networks. It also studied the influence of service science in this area.

This book constitutes the refereed post-proceedings of the First International Workshop on Cognitive Agents for Virtual Environments, CAVE 2012, held at AAMAS 2012, in Valencia, Spain, in June 2012. The 10 full papers presented were thoroughly reviewed and selected from 14 submissions. In addition one invited high quality contribution has been included. The papers are organized in the following topical sections: coupling agents and game engines; using games with agents for education; visualization and simulation; and evaluating games with agents.

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