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Security and Privacy for Implantable Medical Devices -

Wayne Burleson 2013-12-03

This book presents a systematic approach to analyzing the challenging engineering problems posed by the need for security and

privacy in implantable medical devices (IMD). It describes in detail new issues termed as lightweight security, due to the associated constraints on metrics such as available power, energy, computing ability, area, execution time,

and memory requirements. Coverage includes vulnerabilities and defense across multiple levels, with basic abstractions of cryptographic services and primitives such as public key cryptography, block ciphers and digital signatures. Experts from Computer Security and Cryptography present new research which shows vulnerabilities in existing IMDs and proposes solutions. Experts from Privacy Technology and Policy will discuss the societal, legal and ethical challenges surrounding IMD security as well as technological solutions that build on the latest in Computer Science privacy research, as well as lightweight solutions appropriate for implementation in IMDs.

Network World - 2003-02-24

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers

are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Wireless and Mobile Device Security - Jim Doherty
2021-03-31

Written by an industry expert, Wireless and Mobile Device Security explores the evolution of wired networks to wireless networking and its impact on the corporate world.

Proceedings of the ... ACM Workshop on Wireless Security - 2003

Mobile Application Development, Usability, and Security - Mukherjea, Sougata
2016-10-19

The development of mobile technology has experienced exponential growth in recent years. Mobile devices are ubiquitous in modern society, impacting both our personal and professional lives. Mobile Application Development, Usability, and Security

provides a thorough overview on the different facets of mobile technology management and its integration into modern society. Highlighting issues related to analytics, cloud computing, and different types of application development, this book is a pivotal reference source for professionals, researchers, upper-level students, and practitioners actively involved in the area of mobile computing.

Human Aspects of Information Security, Privacy and Trust - Louis Marinos 2013-07-01

This book constitutes the refereed proceedings of the First International Conference on Human Aspects of Information Security, Privacy and Trust, HAS 2013, held as part of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, USA in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and 303 posters presented at the HCII 2013

conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 39 contributions was carefully reviewed and selected for inclusion in the HAS proceedings. The papers are organized in the following topical sections: novel authentication systems; human factors in security; security and privacy policies; and user centric security and privacy. *ICCWS 2017 12th International Conference on Cyber Warfare and Security* - Dr. Robert F. Mills 2017

Global Perspectives In Information Security - Hossein Bidgoli 2008-09-16
Global Perspectives in

Information Security, compiled by renowned expert and professor Hossein Bidgoli, offers an expansive view of current issues in information security. Written by leading academics and practitioners from around the world, this thorough resource explores and examines a wide range of issues and perspectives in this rapidly expanding field. Perfect for students, researchers, and practitioners alike, Professor Bidgoli's book offers definitive coverage of established and cutting-edge theory and application in information security.

Radio Frequency Identification: Security and Privacy Issues - Nitesh

Saxena 2014-11-14

This book constitutes the refereed post-proceedings of the 10th Workshop on RFID Security and Privacy, RFIDSec 2014, held in Oxford, UK, in 2014. The 9 revised full papers and 4 short papers presented in this volume were carefully reviewed and selected from 27 submissions. The papers deal with topics such as RFID

power-efficiency, privacy, authentication and side channels, and key exchange.

Wireless and Mobile Device Security - Jim Doherty 2016

The world of wireless and mobile devices is evolving day-to-day, with many individuals relying solely on their wireless devices in the workplace and in the home. The growing use of mobile devices demands that organizations become more educated in securing this growing technology and determining how to best protect their assets. Written by an industry expert, Wireless and Mobile Device Security explores the evolution of wired networks to wireless networking and its impact on the corporate world. Using case studies and real-world events, it goes on to discuss risk assessments, threats, and vulnerabilities of wireless networks, as well as the security measures that should be put in place to mitigate breaches. The text closes with a look at the policies and procedures in place and a glimpse ahead at the future of

wireless and mobile device security.

IoT - Souvik Pal 2020-06-03

IOT: Security and Privacy Paradigm covers the evolution of security and privacy issues in the Internet of Things (IoT). It focuses on bringing all security and privacy related technologies into one source, so that students, researchers, and practitioners can refer to this book for easy understanding of IoT security and privacy issues. This edited book uses Security Engineering and Privacy-by-Design principles to design a secure IoT ecosystem and to implement cyber-security solutions. This book takes the readers on a journey that begins with understanding the security issues in IoT-enabled technologies and how it can be applied in various aspects. It walks readers through engaging with security challenges and builds a safe infrastructure for IoT devices. The book helps readers gain an understand of security architecture through IoT and describes the state of the art of

IoT countermeasures. It also differentiates security threats in IoT-enabled infrastructure from traditional ad hoc or infrastructural networks, and provides a comprehensive discussion on the security challenges and solutions in RFID, WSNs, in IoT. This book aims to provide the concepts of related technologies and novel findings of the researchers through its chapter organization. The primary audience includes specialists, researchers, graduate students, designers, experts and engineers who are focused on research and security related issues. Souvik Pal, PhD, has worked as Assistant Professor in Nalanda Institute of Technology, Bhubaneswar, and JIS College of Engineering, Kolkata (NAAC "A" Accredited College). He is the organizing Chair and Plenary Speaker of RICE Conference in Vietnam; and organizing co-convener of ICICIT, Tunisia. He has served in many conferences as chair, keynote speaker, and he also chaired international conference sessions and

presented session talks internationally. His research area includes Cloud Computing, Big Data, Wireless Sensor Network (WSN), Internet of Things, and Data Analytics. Vicente García-Díaz, PhD, is an Associate Professor in the Department of Computer Science at the University of Oviedo (Languages and Computer Systems area). He is also the editor of several special issues in prestigious journals such as Scientific Programming and International Journal of Interactive Multimedia and Artificial Intelligence. His research interests include eLearning, machine learning and the use of domain specific languages in different areas. Dac-Nhuong Le, PhD, is Deputy-Head of Faculty of Information Technology, and Vice-Director of Information Technology Apply and Foreign Language Training Center, Haiphong University, Vietnam. His area of research includes: evaluation computing and approximate algorithms, network communication,

security and vulnerability, network performance analysis and simulation, cloud computing, IoT and image processing in biomedical. Presently, he is serving on the editorial board of several international journals and has authored nine computer science books published by Springer, Wiley, CRC Press, Lambert Publication, and Scholar Press.

Physical Layer Security - Khoa N. Le 2021-01-24

This book studies the vulnerability of wireless communications under line-of-sight (LoS) and non-LoS correlated fading environments. The authors theoretically and practically provide physical layer security analyses for several technologies and networks such as Fifth-Generation (5G) networks, Internet of Things (IoT) applications, and Non-orthogonal multiple access (NOMA). The authors have provided these under various practical scenarios, and developed theoretical aspects to validate their proposed

applications. Presents physical layer security (PLS) under correlated fading environments, 5G wireless networks, and NOMA networks; Provides end-to-end analyses, combination of channel correlation and outdated CSI and their effects on PL; Includes contributions of PLS research written by global experts in academia and industry.

Digital Forensics, Investigation, and Response - Chuck Easttom 2021-08-10
Digital Forensics, Investigation, and Response, Fourth Edition examines the fundamentals of system forensics, addresses the tools, techniques, and methods used to perform computer forensics and investigation, and explores incident and intrusion response,
Intelligent Data Sensing and Processing for Health and Well-being Applications - Miguel Antonio Wister Ovando 2018-07-26
Intelligent Data Sensing and Processing for Health and Well-being Applications uniquely

combines full exploration of the latest technologies for sensor-collected intelligence with detailed coverage of real-case applications for healthcare and well-being at home and in the workplace. Forward-thinking in its approach, the book presents concepts and technologies needed for the implementation of today's mobile, pervasive and ubiquitous systems, and for tomorrow's IoT and cyber-physical systems. Users will find a detailed overview of the fundamental concepts of gathering, processing and analyzing data from devices disseminated in the environment, as well as the latest proposals for collecting, processing and abstraction of data-sets. In addition, the book addresses algorithms, methods and technologies for diagnosis and informed decision-making for healthcare and well-being. Topics include emotional interface with ambient intelligence and emerging applications in detection and diagnosis of neurological diseases. Finally, the book explores the trends and

challenges in an array of areas, such as applications for intelligent monitoring in the workplace for well-being, acquiring data traffic in cities to improve the assistance of first aiders, and applications for supporting the elderly at home. Examines the latest applications and future directions for mobile data sensing in an array of health and well-being scenarios Combines leading computing paradigms and technologies, development applications, empirical studies, and future trends in the multidisciplinary field of smart sensors, smart sensor networks, data analysis and machine intelligence methods Features an analysis of security, privacy and ethical issues in smart sensor health and well-being applications Equips readers interested in interdisciplinary projects in ubiquitous computing or pervasive computing and ambient intelligence with the latest trends and developments
Ethical Hacking: Techniques, Tools, and Countermeasures - Michael G. Solomon

2022-12-07

"Ethical Hacking covers the basic strategies and tools that prepare students to engage in proactive and aggressive cyber security activities, with an increased focus on Pen-testing and Red Teams. The text begins with an examination of the landscape, key terms, and concepts that a security professional needs to know about hackers and computer criminals who break into networks, steal information, and corrupt data. Part II provides a technical overview of hacking: how attackers target cyber resources and the methodologies they follow. Part III studies the tools and methods that are most effective when dealing with hacking attacks, especially in an age of increased reliance on distributed devices. This title is can be aligned to EC Council's Certified Ethical Hacker in terms of scope (but not rigor)"--
Security Risk Models for Cyber Insurance - David Rios Insua
2020-12-21

Tackling the cybersecurity challenge is a matter of

survival for society at large. Cyber attacks are rapidly increasing in sophistication and magnitude—and in their destructive potential. New threats emerge regularly, the last few years having seen a ransomware boom and distributed denial-of-service attacks leveraging the Internet of Things. For organisations, the use of cybersecurity risk management is essential in order to manage these threats. Yet current frameworks have drawbacks which can lead to the suboptimal allocation of cybersecurity resources. Cyber insurance has been touted as part of the solution – based on the idea that insurers can incentivize companies to improve their cybersecurity by offering premium discounts – but cyber insurance levels remain limited. This is because companies have difficulty determining which cyber insurance products to purchase, and insurance companies struggle to accurately assess cyber risk and thus develop cyber insurance products. To deal

with these challenges, this volume presents new models for cybersecurity risk management, partly based on the use of cyber insurance. It contains: A set of mathematical models for cybersecurity risk management, including (i) a model to assist companies in determining their optimal budget allocation between security products and cyber insurance and (ii) a model to assist insurers in designing cyber insurance products. The models use adversarial risk analysis to account for the behavior of threat actors (as well as the behavior of companies and insurers). To inform these models, we draw on psychological and behavioural economics studies of decision-making by individuals regarding cybersecurity and cyber insurance. We also draw on organizational decision-making studies involving cybersecurity and cyber insurance. Its theoretical and methodological findings will appeal to researchers across a wide range of cybersecurity-related

disciplines including risk and decision analysis, analytics, technology management, actuarial sciences, behavioural sciences, and economics. The practical findings will help cybersecurity professionals and insurers enhance cybersecurity and cyber insurance, thus benefiting society as a whole. This book grew out of a two-year European Union-funded project under Horizons 2020, called CYBECO (Supporting Cyber Insurance from a Behavioral Choice Perspective).

Cloud Computing and Security

- Xingming Sun 2018-09-25

This six volume set LNCS 11063 - 11068 constitutes the thoroughly refereed conference proceedings of the 4th International Conference on Cloud Computing and Security, ICCCS 2018, held in Haikou, China, in June 2018. The 386 full papers of these six volumes were carefully reviewed and selected from 1743 submissions. The papers cover ideas and achievements in the theory and practice of all areas of inventive systems which

includes control, artificial intelligence, automation systems, computing systems, electrical and informative systems. The six volumes are arranged according to the subject areas as follows: cloud computing, cloud security, encryption, information hiding, IoT security, multimedia forensics

Information Systems Security - Vinod Ganapathy 2018-12-10

This book constitutes the refereed proceedings of the 14th International Conference on Information Systems Security, ICISS 2018, held in Bangalore, India, in December 2018. The 23 revised full papers presented in this book together with 1 invited paper and 3 keynote abstracts were carefully reviewed and selected from 51 submissions. The papers are organized in the following topical sections: security for ubiquitous computing; modelling and analysis of attacks; smartphone security; cryptography and theory; enterprise and cloud security; machine learning and security; privacy; and client

security and authentication.

16th International Conference on Cyber Warfare and Security

- Dr Juan Lopez Jr 2021-02-25

These proceedings represent the work of contributors to the 16th International Conference on Cyber Warfare and Security (ICWS 2021), hosted by joint collaboration of Tennessee Tech Cybersecurity Education, Research and Outreach Center (CEROC), Computer Science department and the Oak Ridge National Laboratory, Tennessee on 25-26 February 2021. The Conference Co-Chairs are Dr. Juan Lopez Jr, Oak Ridge National Laboratory, Tennessee, and Dr. Ambareen Siraj, Tennessee Tech's Cybersecurity Education, Research and Outreach Center (CEROC), and the Program Chair is Dr. Kalyan Perumalla, from Oak Ridge National Laboratory, Tennessee.

Energy Conservation for IoT Devices - Mamta Mittal
2019-05-21

This book addresses the Internet of Things (IoT), an essential topic in the

technology industry, policy, and engineering circles, and one that has become headline news in both the specialty press and the popular media. The book focuses on energy efficiency concerns in IoT and the requirements related to Industry 4.0. It is the first-ever "how-to" guide on frequently overlooked practical, methodological, and moral questions in any nations' journey to reducing energy consumption in IoT devices. The book discusses several examples of energy-efficient IoT, ranging from simple devices like indoor temperature sensors, to more complex sensors (e.g. electrical power measuring devices), actuators (e.g. HVAC room controllers, motors) and devices (e.g. industrial circuit-breakers, PLC for home, building or industrial automation). It provides a detailed approach to conserving energy in IoT devices, and comparative case studies on performance evaluation metrics, state-of-the-art approaches, and IoT

legislation.

Battery Operated Devices and Systems - Gianfranco

Pistoia 2008-09-24

Battery Operated Devices and Systems provides a comprehensive review of the essentials of batteries and battery applications as well as state-of-the-art technological developments. The book covers the most recent trends, especially for the ubiquitous lithium ion batteries. It lays particular emphasis on the power consumption of battery operated devices and systems and the implications for battery life and runtime. Battery management is also dealt with in detail, particularly as far as the charging methods are concerned, along with the criteria of battery choice. This book describes a variety of portable and industrial applications and the basic characteristics of all primary and secondary batteries used in these applications. Portable applications include mobile phones, notebook computers, cameras, camcorders, personal digital assistants, medical

instruments, power tools, and portable GPS. Industrial applications range from aerospace and telecommunications to emergency systems, load levelling, energy storage, toll collection, different meters, data loggers, oil drilling, oceanography, and meteorology. The book also discusses wireless connectivity, i.e. Wi-Fi, Bluetooth and Zigbee, and concludes with some market considerations. Links to further reading are provided through the 275 references. This book will be a valuable information source for researchers interested in devices and systems drawing power from batteries. It will also appeal to graduates working in research institutions; universities and industries dealing with power sources and energy conversion; civil, electrical and transport engineers; and chemists. A comprehensive review of battery applications Includes 209 figures and 62 tables Describes state-of-the-art technological developments

Research Anthology on Convergence of Blockchain, Internet of Things, and Security - Management Association, Information Resources 2022-07-08

The rise of technology has proven to be a threat to personal data, cyberspace protection, and organizational security. However, these technologies can be used to enhance the effectiveness of institutional security. Through the use of blockchain and the internet of things (IoT), organizations may combat cybercriminals and better protect their privacy. The Research Anthology on Convergence of Blockchain, Internet of Things, and Security describes the implementation of blockchain and IoT technologies to better protect personal and organizational data as well as enhance overall security. It also explains the tools, applications, and emerging innovations in security and the ways in which they are enhanced by blockchain and IoT. Covering topics such as

electronic health records, intrusion detection, and software engineering, this major reference work is an essential resource for business leaders and executives, IT managers, computer scientists, hospital administrators, security professionals, law enforcement, students and faculty of higher education, librarians, researchers, and academicians.

ICMLG 2017 5th International Conference on Management Leadership and Governance - Academic Conferences and Publishing Limited 2017-03

InfoWorld - 2000-04-17

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Information Security Management - Michael Workman 2021-10-20

Information Security Management, Second Edition arms students with answers to the most critical questions about the fields of

cybersecurity. It provides students with references to more in-depth study in areas where they may need to specialize. The Second Edition covers operations—the job of day-to-day cybersecurity tasks—regulations, compliance, laws and policies, research and development, and the creation of software and cyber defenses for security initiatives. Finally, the text covers advanced R&D involved in strategic aspects of security developments for threats that lay on the horizon.

The Electrical Review - 1919

Handbook of Optimization in Complex Networks - My T.

Thai 2011-11-25

Complex Social Networks is a newly emerging (hot) topic with applications in a variety of domains, such as communication networks, engineering networks, social networks, and biological networks. In the last decade, there has been an explosive growth of research on complex real-world networks, a theme that is becoming pervasive in many disciplines, ranging from

mathematics and computer science to the social and biological sciences.

Optimization of complex communication networks requires a deep understanding of the interplay between the dynamics of the physical network and the information dynamics within the network. Although there are a few books addressing social networks or complex networks, none of them has specially focused on the optimization perspective of studying these networks. This book provides the basic theory of complex networks with several new mathematical approaches and optimization techniques to design and analyze dynamic complex networks. A wide range of applications and optimization problems derived from research areas such as cellular and molecular chemistry, operations research, brain physiology, epidemiology, and ecology.

[Advances in Human Factors and Ergonomics in Healthcare and Medical Devices](#) - Vincent Duffy 2017-06-17

This book discusses the latest advances in human factors and ergonomics, focusing on methods for improving quality, safety, efficiency, and effectiveness in patient care. By emphasizing the physical, cognitive, and organizational aspects of human factors and ergonomics applications, it presents various perspectives, including those of clinicians, patients, health organizations, and insurance providers. The book describes cutting-edge applications, highlighting best practices for staff interactions with patients, as well as interactions with computers and medical devices. It also presents new findings related to improved organizational outcomes in healthcare settings, and approaches to modeling and analysis specifically targeting those work aspects unique to healthcare. Based on the AHFE 2017 International Conference on Human Factors and Ergonomics in Healthcare and Medical Devices, held on July 17-21, 2017, in Los Angeles, California, USA, the book is

intended as a timely reference guide for both researchers involved in the design of healthcare systems and devices and for healthcare professionals working to deliver safe and effective health service. Moreover, by providing a useful survey of cutting-edge methods for improving organizational outcomes in healthcare settings, the book also represents a source of inspiration for healthcare counselors and international health organizations.

Mother Jones - 1984

Population Health Informatics -
Joshi 2017-09-26

Population Health Informatics addresses the growing opportunity to utilize technology to put into practice evidence-based solutions to improve population health outcomes across diverse settings. The book focuses on how to operationalize population informatics solutions to address important public health challenges impacting individuals, families,

communities, and the environment in which they live. The book uniquely uses a practical, step-by-step approach to implement evidence-based, data-driven population informatics solutions.

The Jones & Baker Curb News ... - Jones & Baker, Firm, Brokers 1919

Body Area Networks. Smart IoT and Big Data for Intelligent Health - Muhammad Mahtab Alam 2020-12-14

This book constitutes the refereed post-conference proceedings of the 15th International Conference on Body Area Networks, BodyNets 2020, held in Tallinn, Estonia, in October 2020. The conference was held virtually due to the COVID-19 pandemic. The 15 papers presented were selected from 30 submissions and issue new technologies to provide trustable measuring and communications mechanisms from the data source to medical health databases. Wireless body area networks

(WBAN) are one major element in this process. Not only on-body devices but also technologies providing information from inside a body are in the focus of this conference. Dependable communications combined with accurate localization and behavior analysis will benefit WBAN technology and make the healthcare processes more effective.

American Export Register - 1998

Pervasive and Smart Technologies for Healthcare: Ubiquitous Methodologies and Tools -

Coronato, Antonio 2010-03-31 "This book reports several experiences concerning the application of pervasive computing technologies, methodologies and tools in healthcare"--Provided by publisher.

Introducción a la Informática Forense -

Francisco Lázaro Domínguez Actualmente las tecnologías de la información constituyen un elemento indispensable para el

funcionamiento de organizaciones y empresas de todo tipo. La ubicuidad de medios informáticos, combinada con el crecimiento imparable de Internet y las redes durante los últimos años, abre un escenario de oportunidades para actos ilícitos (fraude, espionaje empresarial, sabotaje, robo de datos, intrusiones no autorizadas en redes y sistemas y un largo etcétera) a los que es preciso hacer frente entendiendo las mismas tecnologías de las que se sirven los delincuentes informáticos, con el objeto de salirles al encuentro en el mismo campo de batalla. Parte vital en el combate contra el crimen es una investigación de medios digitales basada en métodos profesionales y buenas prácticas al efecto de que los elementos de evidencia obtenidos mediante la misma puedan ser puestos a disposición de los tribunales. Se debe hacer con las suficientes garantías en lo tocante al mantenimiento de la cadena de custodia y al

cumplimiento de aspectos esenciales para el orden legal del estado de derecho, como el respeto a las leyes sobre privacidad y protección de datos y otras normativas de relevancia similar. La Informática Forense es la disciplina que se encarga de la adquisición, el análisis y la valoración de elementos de evidencia digital hallados en ordenadores, soportes de datos e infraestructuras de red, y que pudieran aportar luz en el esclarecimiento de actividades ilegales perpetradas en relación con instalaciones de proceso de datos, independientemente de que dichas instalaciones sean el objetivo de la actividad criminal o medios utilizados para cometerla. El propósito de esta obra consiste en introducir al lector, de manera resumida y clara, en los principios, métodos, las técnicas fundamentales y las implicaciones jurídicas de la investigación informática forense. A tal efecto se dará a conocer, con sencillez y mediante un número de

ejemplos, cómo sacar partido a las soluciones, tanto propietarias como de código libre, utilizadas en la actualidad por los profesionales de la investigación forense. He aquí, entre otros, algunos de los temas tratados: o Principios y metodología de la investigación de soportes de datos. o Investigación forense de sistemas Microsoft Windows. o Investigación forense de sistemas Linux/Unix. o Investigación forense de dispositivos móviles. o Investigación en redes informáticas e Internet. o Investigación de imágenes digitales. o Herramientas de software y distribuciones Linux para la investigación forense. *Cyber Security Intelligence and Analytics* - Zheng Xu 2021-03-09 This book presents the outcomes of the 2021 International Conference on Cyber Security Intelligence and Analytics (CSIA 2021), an international conference dedicated to promoting novel theoretical and applied

research advances in the interdisciplinary field of cyber security, particularly focusing on threat intelligence, analytics, and countering cybercrime. The conference provides a forum for presenting and discussing innovative ideas, cutting-edge research findings and novel techniques, methods and applications on all aspects of cyber security intelligence and analytics. Due to COVID-19, Authors, Keynote Speakers and PC committees will attend the conference online.

[Proceedings of the 2003 ACM Workshop on Wireless Security](#)
- Douglas Maughan 2003

Mobile Apps Engineering -

Ghita K. Mostefaoui

2018-12-07

The objective of this edited book is to gather best practices in the development and management of mobile apps projects. Mobile Apps Engineering aims to provide software engineering lecturers, students and researchers of mobile computing a starting point for developing successful

mobile apps. To achieve these objectives, the book's contributors emphasize the essential concepts of the field, such as apps design, testing and security, with the intention of offering a compact, self-contained book which shall stimulate further research interest in the topic. The editors hope and believe that their efforts in bringing this book together can make mobile apps engineering an independent discipline inspired by traditional software engineering, but taking into account the new challenges posed by mobile computing.

Smart Intelligent Computing and Applications - Suresh Chandra Satapathy 2019-09-26
This book gathers high-quality papers presented at the Third International Conference on Smart Computing and Informatics (SCI 2018-19), which was organized by the School of Computer Engineering and School of Computer Application, Kalinga Institute of Industrial Technology, Bhubaneswar, India, on 21-22 December,

2018. It includes advanced and multi-disciplinary research on the design of smart computing and informatics. Thematically, the book broadly focuses on several innovation paradigms in system knowledge, intelligence and sustainability that can help to provide realistic solutions to various problems confronting society, the environment, and industry. The respective papers offer valuable insights into the how emerging computational and knowledge transfer approaches can be used to deliver optimal solutions in science, technology and healthcare.

Cryptography and Security: From Theory to Applications - David Naccache 2012-02-21
This Festschrift volume, published in honor of Jean-Jaques Quisquater on the occasion of his 65th Birthday, contains 33 papers from colleagues all over the world and deals with all the fields to which Jean-Jaques dedicated his work during his academic career. Focusing on personal tributes and re-visits of Jean-Jaques Quisquater's legacy, the

volume addresses the following central topics: symmetric and asymmetric cryptography, side-channels attacks, hardware and implementations, smart

cards, and information security. In addition there are four more contributions just "as diverse as Jean-Jacques' scientific interests".