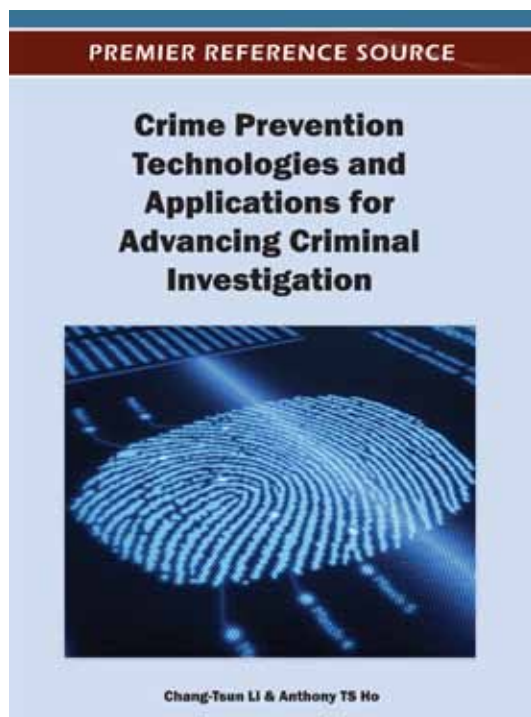


An Excellent Addition to Your Library!

Released: June 2012

Crime Prevention Technologies and Applications for Advancing Criminal Investigation



Chang-Tsun Li (University of Warwick, UK)
& Anthony TS Ho (University of Warwick, UK)

The tools of crime constantly evolve, and law enforcement and forensic investigators must understand advanced forensic techniques to ensure that the most complete evidence is brought to trial. Paramount also the need for investigators to ensure that evidence adheres to the boundaries of the legal system, a place where policy often lags behind new innovations.

Crime Prevention Technologies and Applications for Advancing Criminal Investigation addresses the use of electronic devices and software for crime prevention, investigation, and the application of a broad spectrum of sciences to answer questions of interest to the legal system. This book fosters a forum for advancing research and development of the theory and practice of digital crime prevention and forensics.

Topics Covered:

- Surveillance Technologies
- Crime scene imaging
- Cryptological techniques and tools for crime investigation
- Data carving and recovery
- Digital document examination
- Digital evidence
- Information warfare
- Small digital device forensics
- Steganography and steganalysis
- Watermarking for digital forensics

ISBN: 9781466617582; © 2012; 348 pp.

Print: US \$195.00 | Perpetual: US \$295.00 | Print + Perpetual: US \$390.00

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Chang-Tsun Li received the B.E. degree in electrical engineering from Chung-Cheng Institute of Technology (CCIT), National Defense University, Taiwan, in 1987, the MSc degree in computer science from U. S. Naval Postgraduate School, USA, in 1992, and the Ph.D. degree in computer science from the University of Warwick, UK, in 1998. He was an associate professor of the Department of Electrical Engineering at CCIT during 1998-2002 and a visiting professor of the Department of Computer Science at U.S. Naval Postgraduate School in the second half of 2001. He is currently Professor of the Department of Computer Science at the University of Warwick, UK, a Fellow of British Computer Society, the Editor-in-Chief of the International Journal of Digital Crime and Forensics, an editor of the International Journal of Imaging (IJ) and an associate editor of the International Journal of Applied Systemic Studies (IJASS) and the International Journal of Computer Sciences and Engineering Systems (IJCSE). He has involved in the organisation of a number of international conferences and workshops and also served as member of the international program committees for several international conferences. He is also the coordinator of the international joint project entitled Digital Image and Video Forensics funded through the Marie Curie Industry-Academia Partnerships and Pathways (IAPP) under the EU's Seventh Framework Programme from June 2010 to May 2014. His research interests include digital forensics, multimedia security, bioinformatics, computer vision, image processing, pattern recognition, evolutionary computation, machine learning and content-based image retrieval.



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988