# Table of Contents

Foreword ............................................................................................................................................ xiv

Preface ................................................................................................................................................ xxi

Acknowledgment.................................................................................................................................. xxviii

## Section 1
Technology for Dealing with Crimes against Children

### Chapter 1
Digital Child Pornography: Offender or not Offender........................................................................ 1

*Frank Y. W. Law, The University of Hong Kong, Hong Kong, China*
*K. P. Chow, The University of Hong Kong, Hong Kong, China*
*Pierre K. Y. Lai, The University of Hong Kong, Hong Kong, China*
*Hayson K. S. Tse, The University of Hong Kong, Hong Kong, China*
*Kenneth W. H. Tse, The University of Hong Kong, Hong Kong, China*

### Chapter 2
Child Pornography and IT..................................................................................................................... 20

*Amin Ibrahim, University of Ontario Institute of Technology, Canada*

## Section 2
Technological Approaches for Hate Crimes

### Chapter 3
Adult Pornography, Male Peer Support, and Violence against Women: The Contribution of the “Dark Side” of the Internet ................................................................................................................ 34

*Walter S. DeKeseredy, University of Ontario Institute of Technology, Canada*
*Patrik Olsson, University of Ontario Institute of Technology, Canada*
Chapter 4
Improving the Quality of Life of Senior Citizens by Preventing and Reducing their
Social Discrimination through Interactive Television and Ubiquitous Computing......................... 51
Pedro C. Santana, University of Colima, Mexico
Ricardo Acosta-Díaz, University of Colima, Mexico
Juan Contreras-Castillo, University of Colima, Mexico
Pedro Damián-Reyes, University of Colima, Mexico

Chapter 5
Multiagents System Applied on a Cyberbullying Model for a Social Network ............................... 69
Alberto Ochoa, University of Ciudad Juárez, Mexico
Julio Ponce, Autonomous University of Aguascalientes, Mexico
Alberto Hernández, Autonomous University of Morelos, Mexico
Felipe Padilla, Autonomous University of Aguascalientes, Mexico

Chapter 6
Examining Race Hate Crime with Students Using a Cross Cultural International Virtual
Learning Environment (VLE) ............................................................................................................... 93
Julian Buchanan, Victoria University of Wellington, New Zealand
Steve Wilson, Washington University, USA
Nirmala Gopal, University of KwaZulu-Natal, South Africa

Section 3
Humanitarian Technologies

Chapter 7
Humanitarian Demining Action Plan: Humanity and Technological Challenges............................... 114
Maki K. Habib, The American University in Cairo, Egypt

Chapter 8
Using ICT to Foster Human Rights Defense Processes for Mexican Immigrants.............................. 132
Maria Alejandra Rocha Silva, University of Colima, Mexico
Juan Contreras-Castillo, University of Colima, Mexico
Ricardo Acosta-Díaz, University of Colima, Mexico

Chapter 9
Web-Based Multi-User Distributed and Collaborative Environment Supporting Emergency
and Relief Activities ............................................................................................................................ 151
Maki K. Habib, The American University in Cairo, Egypt
Section 4
Moral Principles and Responsible Use of Technology

Chapter 10
“Ethics” and “Social Responsibility” in Financial Crises as Parameters of the Financial Environment........................................................................................................................ 173
Alex Stefan, Bloomfield College, USA
Doru Ursutiu, University Transilvania of Brasov, Romania
Cornel Samoila, University Transilvania of Brasov, Romania

Chapter 11
Law, Deviation and Paradigmatic Change: Copyright and its Metaphors........................................... 188
Stefan Larsson, Lund University, Sweden
Håkan Hydén, Lund University, Sweden

Section 5
Perspectives on Combating Cybercrime

Chapter 12
The Case of “Illicit Appropriation” in the Use of Technology ........................................................... 210
Eduardo H. Calvillo Gámez, Polytechnic University of San Luis Potosí, Mexico
Rodrigo Nieto-Gómez, Naval Postgraduate School, USA

Chapter 13
Designing Usable Security Feedback for Web Filtering Systems ...................................................... 230
Ricardo Mendoza-González, Aguascalientes Institute of Technology, Mexico
Jaime Muñoz Arteaga, Autonomous University of Aguascalientes, Mexico
Francisco Álvarez Rodríguez, Autonomous University of Aguascalientes, Mexico

Chapter 14
Human Factors Required for Building NLP Systems ......................................................................... 249
Daout Daoud, Princess Sumaya University for Technology, Jordan
Samir Abou El-Seoud, Princess Sumaya University for Technology, Jordan

Compilation of References .............................................................................................................. 287
About the Contributors ................................................................................................................... 313
Index................................................................................................................................................... 321