PRIVACY IN THE MODERN AGE

The Search for Solutions

Edited by
Marc Rotenberg,
Julia Horwitz, and Jeramie Scott



NEW YORK LONDON

CONTENTS

rorewora	VII
EPIC: THE FIRST TWENTY YEARS Marc Rotenberg	1
PRIVACY AND THE IMPERATIVE OF OPEN GOVERNMENT Steven Aftergood	19
WHAT GOES AROUND COMES AROUND Ross Anderson	27
NEW MODELS OF PRIVACY FOR THE UNIVERSITY Christine L. Borgman (coauthored with Kent Wada and James F. Davis)	32
ROBOT-SIZED GAPS IN SURVEILLANCE LAW Ryan Calo	41
PROTECTING SEXUAL PRIVACY IN THE INFORMATION AGE Danielle Citron	46
PRIVACY OPPORTUNITIES AND CHALLENGES WITH EUROPE'S NEW DATA PROTECTION REGIME Simon Davies`	55
PSEUDONYMS BY ANOTHER NAME: IDENTITY MANAGEMENT IN A TIME OF SURVEILLANCE A. Michael Froomkin	61
TAKING THE LONG WAY HOME: THE HUMAN RIGHT OF PRIVACY Deborah Hurley	70
ACCOUNTABILITY UNCHAINED: BULK DATA RETENTION, PREEMPTIVE SURVEILLANCE, AND TRANSATLANTIC DATA PROTECTION Kristina Irion	78
THE SURVEILLANCE SOCIETY AND TRANSPARENT YOU Jeff Jonas	93
ANONYMITY AND REASON Harry Lewis	104

vi CONTENTS

CRYPTOGRAPHY IS THE FUTURE Anna Lysyanskaya	112
COMING TO TERMS AND AVOIDING INFORMATION TECHNO-FALLACIES Gary T. Marx	118
WHEN SELF-HELP HELPS: USER ADOPTION OF PRIVACY TECHNOLOGIES · Aleecia M. McDonald	127
PROTECTING DATA PRIVACY IN EDUCATION Dr. Pablo G. Molina	138
HOW MIGHT SYSTEM AND NETWORK SECURITY INTERACT WITH PRIVACY? Peter G. Neumann	146
"RESPECT FOR CONTEXT": FULFILLING THE PROMISE OF THE WHITE HOUSE REPORT Helen Nissenbaum	152
PRIVACY, AUTONOMY, AND INTERNET PLATFORMS Frank Pasquale	165
THE FUTURE OF HEALTH PRIVACY Dr. Deborah Peel, MD	174
ANONYMITY AND FREE SPEECH: CAN ICANN IMPLEMENT ANONYMOUS DOMAIN NAME REGISTRATION? Stephanie E. Perrin	181
PROTECTING PRIVACY THROUGH COPYRIGHT LAW? Pamela Samuelson	191
FEAR AND CONVENIENCE Bruce Schneier	200
ENVISIONING PRIVACY IN THE WORLD OF BIG DATA Christopher Wolf	204
EPILOGUE: THE MADRID PRIVACY DECLARATION— "GLOBAL PRIVACY STANDARDS FOR A GLOBAL	
WORLD"	217
Bibliography	2 2 1
References	227
Biographies	231
Index	247