Uberveillance and the Social Implications of Microchip Implants: Emerging Technologies

M.G. Michael (University of Wollongong, Australia) and Katina Michael (University of Wollongong, Australia)

In addition to common forms of spatial units such as satellite imagery and street views, emerging automatic identification technologies are exploring the use of microchip implants in order to further track an individual’s personal data, identity, location, and condition in real time.

Uberveillance and the Social Implications of Microchip Implants: Emerging Technologies presents case studies, literature reviews, ethnographies, and frameworks supporting the emerging technologies of RFID implants while also highlighting the current and predicted social implications of human-centric technologies. This book is essential for professionals and researchers engaged in the development of these technologies as well as providing insight and support to the inquiries with embedded micro technologies.

Topics Covered:
- Codes of Conduct
- Medical Applications
- RFID
- Social Implications
- Defining Uberveillance
- Microchip Implants
- Policy Development

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

Dr M.G. Michael PhD, MA(Hons), MTh, BTh, BA is a theologian and historian with cross-disciplinary qualifications in the humanities. Michael brings with him a unique perspective on Information Technology and Computer Science. His formal studies are in Ancient History, Theology, Philosophy, Political Sociology, Ethics, and Government. He has studied at Sydney University, the Aristotelian University of Thessaloniki, the Sydney College of Divinity, Macquarie University, and at the Australian Catholic University. Presently he is an honorary senior fellow in the School of Information Systems and Technology, Faculty of Informatics at the University of Wollongong, Australia. He is currently a member of the IP Location-Based Services Research Program in the Centre for Business Services Science where he provides expertise on ethical issues and the social implications of technology. He is the former coordinator of Information & Communication Security Issues and since 2005 has guest-lectured and tutored in Location-Based Services, IT & Citizen Rights, Principles of eBusiness, IT & Innovation, and Professional Practice and Ethics. The focus of his current research extends to modern hermeneutics and the Apocalypse of John; the historical antecedents of modern cryptography; the auto-ID trajectory; and more broadly the system dynamics between technology and society. Since 2006, Michael has presented papers at numerous IEEE conferences including the International Conference on Mobile Business, the International Conference on Mobile Computing and Ubiquitous Networking, RFID Eurasia, the International Conference on Management of Innovation and Technology, and other venues such as Cultural Attitudes Towards Technology and Communication. Select papers can be downloaded from ro.uow.edu.au/mgmichael. He has guest edited the December 2006 volume of Prometheus on the theme of the “Social Implications of National Security.” He has also co-edited the proceedings of the First Workshop on the Social Implications of National Security on Citizens and Business, the Second Workshop From Dataveillance to Uberveillance and the Realpolitik of the Transparent Society, the third Workshop on Evidence Based Policy in Public Administration - Australia and the New Technologies and has contributed to the Encyclopedia of Information Ethics and Security as well as many Computer Communications. He has written papers for Quadrant, Prometheus, the IEEE Symposium on Technology and Society, and the Bulletin of Biblical Studies. In 2007, Michael was invited to speak on the uberveillance concept he described, in the ubiquitous computing track at the 29th International Conference of Data Protection and Privacy Commissioners’ in Montreal, Canada. In 2009 “uberveillance” was voted top in the “technology” category in Macquarie Dictionary’s Word of the Year search. Michael is a member of the Australian Research Council (ARC)-funded Research Network for a Secure Australia, a member of the American Academy of Religion, an associate member of the Association Internationale d’Etudes Patristiques and a Life Member of the APIF (Australian Privacy Foundation). Michael has been the recipient of a number of scholarships and awards.
Enclosed is check payable to IGI Global in US Dollars, drawn on a US-based bank.

Credit Card □ Mastercard □ Visa □ Am. Express

3 or 4 Digit Security Code: ____________________________

Name on Card: _________________________________________

Account #: ___________________________________________

Expiration Date: ____________________________

Order Your Copy Today!

An Excellent Addition to Your Library!