
Editors: Paris Kitsos and Yan Zhang

Authors’ Team (until now)

1) Dr. Paris Kitsos and Dr. Yan Zhang,
   Tentative chapter title “Book introduction”

Part 1:

2) Ass. Prof. Tassos Dimitriou et al, Athens Information Technology, Greece.
   Tentative chapter title “RFID Security and privacy: attacks and countermeasures”.

3) We expect one or two chapters in topics of RFID chips & RFID Systems and Communication

Part 2:

4) Dr. Tieyan Li et al, Institute for Infocomm Research, Singapore.
   Tentative chapter title “RFID anti-counterfeiting”.

5) Prof. Ross Anderson et al, Computer Laboratory, University of Cambridge, England.
   Tentative chapter title “Man-in-the-middle attacks on RFID systems”.

6) Dr. Ulrich Kaiser, Texas Instruments, Germany.
   Tentative chapter title “Digital Signature Transponder”.

   Tentative chapter title “Combining Physics and Cryptography to Enhance Privacy in RFID Systems”.

8) Dr. Gildas Avoine, Massachusetts Institute of Technology (MIT), Cryptography and Information Security Group, Cambridge, MA 02139, USA.
   Tentative chapter title “Scalability Issues in Large-Scale Applications”.

9) Kyosuke Osaka*, Prof. Tsuyoshi Takagi*, Dr. Kenichi Yamazaki**, Osamu Takahashi*, *Future University Hakodate, School of Systems Information Science, Japan, ** NTT DoCoMo.
   Tentative chapter title “An Efficient and Secure RFID Security Method with Ownership Transfer”.

10) Dr. Namje Park et al, Electronics and Telecommunications Research Institute (ETRI), Dongho Won / Sungkyunkwan University, South Korea.
    Tentative chapter title “Policy-based Dynamic Privacy Protection Framework leveraging Globally Mobile RFIDs”.

11) Dr. Franklin Reynolds, Dr. Zoe Antoniou, Dr. Dimitrios Kalofonos, Nokia Research Center, Nokia Inc. Cambridge.
    Tentative chapter title “User-Centric Security for RFID-based Distributed Systems”.

12) Karsten Nohl and David Evans, University of Virginia, USA.
    Tentative chapter title “Optimizing RFID protocols for Low Information Leakage”.

13) Brian King (Indiana University Purdue University Indianapolis) and Xiaolan Zhang (University of Illinois, Urbana-Champaign).
    Tentative chapter title “RFID: an anti-counterfeiting tool”.

14) Dr. Akira Otsuka (National Institute of Advanced Industrial Science and Technology (AIST), Japan).
    Tentative chapter title “Privacy enhancing techniques”.

15) We expect one or two chapters
Part 3:

16) Prof. Christof Paar et al., Dept. of Electrical Engineering & Information Sciences, Ruhr-University Bochum, Germany. Tentative chapter title “Light Weight Cryptography for RFID”.

17) Dr. Martin Feldhofer and Dr. Johannes Wolkerstorfer, Graz University of Technology, Institute for Applied Information Processing and Communications, Austria. Tentative chapter title “Hardware implementation of symmetric algorithms for RFID security”.

18) Prof. Bruno Crispo et al., University of Trento, Italy. Tentative chapter title “Hardware-based Privacy Enhancing Technology for RFID”.

19) Dr. Lejla Batina et al., Katholieke Universiteit Leuven, Belgium. Tentative chapter title “Public-key Cryptography for RFID tags”.

20) Dr. Jorge Guajardo Merchan, Pim Tuyls, Information and System Security Department, Philips Research Europe, The Netherlands. Tentative chapter title “Unclonable RFID Tags and Their Hardware Implementation”.

21) Dr. M. J. B. Robshaw, France Telecom R&D, France. Tentative chapter topic “Low-cost Cryptographic Algorithms for RFID”.

22) Dr. Pasin Israsena and Dr. Sitthipong Wongnamkum, Thailand IC Design Incubator (TIDI), National Electronics and Computer Technology Center (NECTEC), Thailand. Tentative chapter title “Implementation of Low Power Hardware Encryption Core for Low Cost Secure RFID Using Tiny Encryption Algorithm (TEA)”.

23) We expect one or two chapters