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Altri autori (Persone)	MolvaRefik TsudikG (Gene) WesthoffDirk
Disciplina	005.8
Soggetti	Cryptography Data encryption (Computer science) Computer networks Algorithms Electronic data processing - Management Application software Telecommunication Cryptology Computer Communication Networks IT Operations Computer and Information Systems Applications Communications Engineering, Networks
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Efficient Verifiable Ring Encryption for Ad Hoc Groups -- SKiMPy: A Simple Key Management Protocol for MANETs in Emergency and Rescue Operations -- Remote Software-Based Attestation for Wireless Sensors -- Spontaneous Cooperation in Multi-domain Sensor Networks -- Authenticated Queries in Sensor Networks -- Improving Sensor Network Security with Information Quality -- One-Time Sensors: A

Novel Concept to Mitigate Node-Capture Attacks -- Randomized Grid Based Scheme for Wireless Sensor Network -- Influence of Falsified Position Data on Geographic Ad-Hoc Routing -- Provable Security of On-Demand Distance Vector Routing in Wireless Ad Hoc Networks -- Statistical Wormhole Detection in Sensor Networks -- RFID System with Fairness Within the Framework of Security and Privacy -- Scalable and Flexible Privacy Protection Scheme for RFID Systems -- RFID Authentication Protocol with Strong Resistance Against Traceability and Denial of Service Attacks -- Location Privacy in Bluetooth -- An Advanced Method for Joint Scalar Multiplications on Memory Constraint Devices -- Side Channel Attacks on Message Authentication Codes.

Sommario/riassunto

It was a pleasure to take part in the 2005 European Workshop on Security and Privacy in Ad Hoc and Sensor Networks (ESAS 2005), held on July 13–14 in Visegrad (Hungary) in conjunction with the First International Conference on Wireless Internet (WICON) . As Program Co-chairs, we are very happy with the outcome of this year's ESAS workshop. It clearly demonstrates the continued importance, popularity and timeliness of the workshop's topic: security and privacy in ad hoc and sensor networks. A total of 51 full papers were submitted. Each submission was reviewed by at least three expert referees. After a short period of intense discussions and deliberations, the Program Committee selected 17 papers for presentation and subsequent publication in the workshop proceedings. This corresponds to an acceptance rate of 33% — a respectable rate by any measure. First and foremost, we thank the authors of ALL submitted papers. Your confidence in this venue is much appreciated. We hope that you will continue patronizing ESAS as authors and attendees. We are also very grateful to our colleagues in the research community who served on the ESAS Program Committee. Your selfless dedication is what makes the workshop a success. Finally, we are very grateful to the ESAS Steering Group: Levente Buttyan, Claude Castelluccia, Dirk Westhoff and Susanne Wetzels. They had the vision and the drive to create this workshop in the first place; they also provided many insights and a lot of help with this year's event. We especially acknowledge and appreciate the work of Levente Buttyan whose dedication (as Steering Committee member, PC member and Local Arrangements Chair) played a very important role in the success of the workshop.
