

WSNS 2006 Program
Second International Workshop on Wireless and Sensor Networks Security
Monday, October 9, 2006

Opening (8:50-9:00): Falko Dressler, University of Erlangen-Nuremberg, Germany Yong Guan, Iowa State University, USA Zhen Jiang, West Chester University, USA		
Introduction (9:00-10:00): Keynote speech AnyServer: Digital Network Platform Technology for Next Generation Ubiquitous Communications Weijia Jia, City University of Hong Kong, China		
Break (10:00-10:30)		
Session A (10:30-12:00): Key Management Chair: Zinaida Benenson, University of Mannheim, Germany		
1	C4W: An Energy Efficient Public Key Cryptosystem for Large-Scale Wireless Sensor Networks	Jing Qi, Jianbin Hu, Zhong Chen (Peking University, China)
2	Deterministic Key Pre-distribution Schemes for Mobile Ad-Hoc Networks based on Set Systems with Limited Intersection Sizes	Effie Makri, Yannis Stamatiou (University of Aegean & University of Ioannina, Greece)
3	Gateway Subset Difference revocation	Jeffrey Opper, Brian DeCleene, May Leung (BAE Systems Advanced Information Technologies, USA)
4	The Cost of Security Performance of ZigBee Key Exchange Mechanism in an 802.15.4 Beacon Enabled Cluster	Moazzm Khan, Fereshteh Amini, Jelena Mistic, Vojislav Mistic (University of Manitoba, Canada)
Complimentary Lunch, 12:00p - 13:30p		
Session B (13:30-15:00): Policy and Access Chair: Deepa Kundur, Texas A&M University, USA		
5	Light-weight Detection of Spoofing Attacks in Wireless Networks	Qing Li, Wade Trappe (Rutgers University, USA)
6	Secure Access Control for Location-based Applications in WLAN Systems	YounSun Cho, Lichun Bao (University of California at Irvine, USA)
7	Implementing Agreement Protocols in Sensor Networks	Andreas Achtzehn, Zinaida Benenson, Christian Rohner (RWTH Aachen University, Germany & University of Mannheim, Germany & Uppsala University, Sweden)
Break (15:00-15:30)		
Session c (15:30-16:30): Secure Localization Chair: Zhen Jiang, West Chester University, USA		
8	SeLoc: Secure Localization of Wireless Sensor and Actor Network	Jianqing Ma, Shiyong Zhang, Yiping Zhong, Xiaowen Tong (Fudan University & Shanghai Jiaotong University, China)
9	Location Tracking Attack in Ad Hoc Networks based on Topology Information	Sergey Chapkin, Boto Bako, Frank Kargl, Elmar Schoch (University of Ulm, Germany)
Session D (16:30-17:30): Performance and Scalability Chair: Dajin Wang, Montclair State University, USA		
10	Experimental Performance Evaluation of Cryptographic Algorithms on Sensor Nodes	Marin Passing, Falko Dressler (University of Erlangen-Nuremberg, Germany)
11	Security and Energy Considerations for Routing in Hierarchical Optical Sensor Networks	Unoma Okorafor, Kyle Marshall, Deepa Kundur (Texas A&M University, USA)
Closing (17:30-17:35): Falko Dressler, Yong Guan, Zhen Jiang		