



WSNS'12 Workshop Program

Thursday, October 11th 2012
Las Vegas, USA

Opening Session (08:35 – 08:45): Introduction to WSNS'12

Dr. Bin Xiao
The Hong Kong Polytechnic University, HK

Session 1 (08:45 – 10:00): Wireless Sensor Network Security I

Chair: Bin Xiao, The Hong Kong Polytechnic Univ., HK

1	A Novel Fuzzy HEED Security using VEGK for Wireless Sensor Networks	Ahmed E. El-Din (Cairo University, Egypt); Rabie Ramadan (Cairo University, Egypt); Magda Fayek (Cairo University, Egypt)
2	Data-Centric Anomalies in Sensor Network Deployments: Analysis and Detection	Giovani Rimon Abuaithah (Wright State University, USA); Bin Wang (Wright State University, USA)
3	APCAPT: Asymmetric Power Control Against Packet Tracer Attacks for Base Station Location Anonymity	Vaibhav Pandit (University of Cincinnati, USA); Hailong Li (University of Cincinnati, USA); Venkata P. V. Gottumukkala (University of Cincinnati, USA); Dharma P Agrawal (University of Cincinnati, USA)

Break (10:00 – 10:30)

Session 2 (10:30 – 11:45): Wireless Sensor Network Security II

Chair: Joseph Soryal, The City University of New York, USA

4	Codo: Confidential Data Storage for Wireless Sensor Networks	Ibrahim Ethem Bagci (Lancaster University, United Kingdom); Mohammad Reza Pourmirza (Lancaster University, United Kingdom); Shahid Raza (Swedish Institute of Computer
5	T-Hex: True Hexagonal Regular Topology Formation in Large Scale Wireless Sensor Networks	Sanshit Sharma (University of Cincinnati, USA); Vaibhav Pandit (University of Cincinnati, USA); Dharma P Agrawal (University of Cincinnati, USA)
6	Fast Verification of an ID-based Signature Scheme for Broadcast Authentication in Wireless Sensor Networks	Chafika Benzaid (University of Sciences and Technology Houari Boumediene, Algeria); Sana Medjadba (University of Sciences and Technology Houari Boumediene, Algeria); Nadjib Badache (University of Sciences and Technology Houari Boumediene (USTHB), Algeria)

Lunch Break (11:45 – 13:30)

Session 3 (13:30 – 14:45): Wireless Ad Hoc and Mesh Network Security

Chair: Giovani Rimon Abuaithah, Wright State University, USA

7	A Game Theoretic Malicious Nodes Detection Model in MANETs	Xiao Wang (Beihang University, P.R. China); Renjian Feng (Beihang University, P.R. China); Yinfeng Wu (Beihang University, P.R. China); Shenyun Che (Beihang University, P.R.)
8	Hierarchical Group Key Management for Wireless Mesh Networks Using Multivariate Symmetric Polynomials	Dushan Aththidiyavidanalage Don (University of Cincinnati, USA); Vaibhav Pandit (University of Cincinnati, USA); Dharma P Agrawal (University of Cincinnati, USA)

9	Byzantine Attack Isolation in IEEE 802.11 Wireless Ad-Hoc Networks	Joseph Soryal (The City University of New York - Graduate Center and City College, USA); Tarek Saadawi (The City University of New York/The City College, USA)
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