

First Workshop on the Security and Privacy of Emerging Ubiquitous Communication Systems (SPEUCS)

August 10, 2007 - Philadelphia, Pennsylvania, USA

<http://www.speucs.org/>

To be held in conjunction with

4th International Conference on Mobile and Ubiquitous Systems: Networks
and Services (MOBIQUITOUS 2007)

SPEUCS ADVANCE PROGRAM

9:00 – 9:15 **Welcoming Remarks**

9:15 – 10:30 **Keynote Address**
*Providing DoS-Resistance for Authenticated Broadcast in
Wireless Sensor Networks*
Peng Ning (North Carolina State Univ.)

10:30 – 10:45 **break**

Session 1: Spatial and Context-Aware Access Control (10:45 – 12:15)

*Efficient User Controlled Inter-Domain SIP Mobility Authentication,
Registration, and Call Routing*

J. K. SJoud (Univ. of New Mexico), H. Jerez (CNRI), C. Abdallah (Univ. of New
Mexico)

*Privacy Challenges in Context-sensitive Access Control for
Pervasive Computing Environment*

A. ISheikh (Marquette Univ.)

Key Establishment Using Secure Distance Bounding Protocols

D. Singelee (KULeuven)

12:15 – 1:30 **lunch**

Session 2: Secure Routing and Applications (1:30-2:30)

*A ferry-based intrusion detection scheme for sparsely connected
ad hoc networks*

M. C. Chuah (Lehigh Univ.)

Optimistic fair exchange for secure forwarding

M. Önen, R. Molva, A. Shikfa (EURECOM)

2:30 – 3:00 **break**

Session 3: Security-Enhanced Communication (3:00 – 4:00)

Securing Cooperative Transmission in Wireless Communications

Z. Han (Boise State Univ.), Y. Lindsay Sun (Univ. of Rhode Island)

On Adjusting Power to Defend Wireless Networks from Jamming

Wenyuan Xu (University of South Carolina)

4:00 – 4:15 **break**

Session 4: Panel