

2nd International Workshop on Security & Trust in the Future Internet
FIST 2011 – Workshop Program
October 17, 2011

09:00-09:05 Welcome and opening remarks by co-chairs

09:05-10:00 Keynote Speech (*Chair: Jun Bi*)

- *Evolving The Internet: Named Data Networking*
NDN Project Team led by Lixia Zhang, Jim Thornton, Van Jacobson.
Talk presented by Dan Massey

10:00-10:30 Coffee Break

10:30-12:00 Session 1 – Anti-Spam/Spoofing (*Chair: Jun Bi*)

- *LENS: Leveraging Social Networking and Trust to Prevent Spam Transmission*
Sufian Hameed, Xiaoming Fu, Pan Hui and Nishanth Sastry
- *A Deployable Approach for Inter-AS Anti-spoofing*
Bingyang Liu, Jun Bi and Yu Zhu.
- *Network-level Characteristics of Spamming: An empirical analysis*
Marios Kokkodis, Michalis Faloutsos and Athina Markopoulou

12:00-13:30 Lunch Break

13:30-14:30 Session 2 – Trust, Security and New Network Architectures (*Chair: Xiaoming Fu*)

- *Towards Name-based Trust and Security for Content-centric Network*
Xinwen Zhang, Katharine Chang, Huijun Xiong, Yonggang Wen, Guangyu Shi and Guoqiang Wang
- *Source Address Validation Solution with OpenFlow/NOX Architecture*
Guang Yao, Jun Bi and Xiao Peiyao.

14:30-15:00 Coffee Break

15:00-16:30 Session 3: Threat Detection (*Chair: Jun Bi*)

- *Machine Learning for Implanted Malicious Code Detection with Incompletely Specified System Implementations*
Yating Hsu and David Lee.
- *Shield: DoS Filtering Using Traffic Deflecting*
Erik Kline, Alexander Afanasyev and Peter Reiher
- *Argus: An Accurate and Agile System to Detecting IP Prefix Hijacking*
Yang Xiang, Zhiliang Wang, Xia Yin and Jianping Wu.

16:30-18:00 Panel Discussion (*Moderator: Jun Bi*)

- *Future Internet and Trust/Security*