

# Outline

- ▶ Haowen Chan, Adrian Perrig, and Dawn Song. Secure Hierarchical In-Network Aggregation in Sensor Networks. ACM CCS, November 2006
  - Secure aggregation such that each sensor can verify whether its contribution was available in the final result and the malicious node cannot influence the results from other sensors - it can influence its own results. They give a bounds of how much such influence can be.
  - The system does not care how many malicious nodes there are. The more nodes are malicious, the less data you could get out of the sensor deployment
  - Denial of service is not addressed, too easy to detect. Harder challenge is when bad data is passed on

