

Title : Wireless Monitoring

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Abstract:

Measurement-driven analysis of live wireless networks is critical to understanding and improving their operations. Traces from wired segments omit information about wireless retransmission while instrumenting the entire network to obtain traces is impractical for widespread use in operational networks since they may have many heterogeneous and transient clients belonging to different users.

In this presentation, we introduce passive wireless monitoring. Techniques for merging trace and inferencing missing information from the trace will be discussed. Some results from the author will also be presented.