

TOM++ - Estimating One-Way Delay in Wireless Mesh Networks

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Agenda

- Background
- Solution
- Summary & Results

Background

- Accuracy of One-way Delay Measurements
- Wireless Mesh Networks
- KAUMesh

Solution

- Approximation of the Packet Sending Time
- The Kalman Filter Prototype
- Floating-point Operations in the Linux Kernel
- Net-X: Channel Switch

Summary and Results

- Accuracy in One-way Delay Measurements
- Solution
 - TOM++
 - Approximation
 - Channel Switch
 - Kalman Filter Prototype
- Results

Further Development

- Kalman Filter
- Low Delay Compensation
- Improved Tests

Questions?