Network Data Analysis:

Big Picture

&

Future Directions

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Main Questions

1. Which threads to follow?

2. What is publishable?

1. Which threads to follow?

Show Don's "Big Picture": SmithTraffic-plan.ps

a. Macroscopic Modelling (upper right)

b. Characterization of Session Traces (upper right)

c. Behavior Modelling (left side)

1a. Macroscopic Modelling

- Study Aggregates of Conservative Cascades

- Get right "scaling properties"?

Show UncLinkData4p1d1t2.mpg & UncLinkData4p1d1t2.ps

- Assess performance with Richard's methods?

- Consider other generators?

1b. Characterization of traces

- Simple measures?

- Conservative Cascades?

- Markov Process Approach?

2. Write Papers?

A. Conservative Cascades:

- Microscopic model?

- Macroscopic model?

- Inverse?   Bounded?

B Trace Characterization

C. Behavior Models