Designing a Delay-based Adaptive Congestion Control Mechanism using Control Theory and System Identification for TCP/IP Networks

> Hiroyuki Ohsaki Graduate School of Information Science and Technology, Osaka University, Japan oosaki@ist.osaka-u.ac.jp





















Simulation

- Evaluate effectiveness of our delay-based congestion control mechanism
 - How the round-trip time converges to the desired value?
 - How efficiently network resources are utilized?
- Simulation in two network configurations
 - Network N1: without background traffic
 - Network N2: with background traffic









