

CS640: Introduction to Computer Networks

Aditya Akella

Lecture 19 -
Multimedia Networking

The Road Ahead

- Multimedia requirements
 - Streaming
 - RTSP
 - Recovering from Jitter and Loss
 - RTP
 - RTCP

Application Classes

- Typically sensitive to delay, but can tolerate packet loss (would cause minor glitches that can be concealed)
- Data contains audio and video content (“continuous media”), three classes of applications:
 - Streaming stored content
 - Unidirectional Real-Time
 - Interactive Real-Time