

# Modeling Variable Throughput Channels with Stochastic ODEs

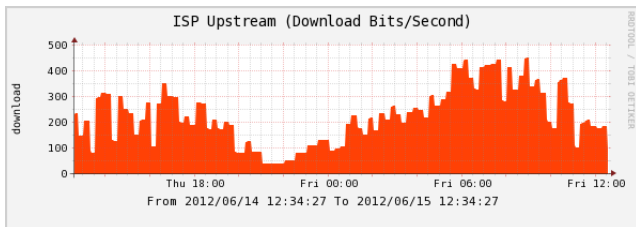
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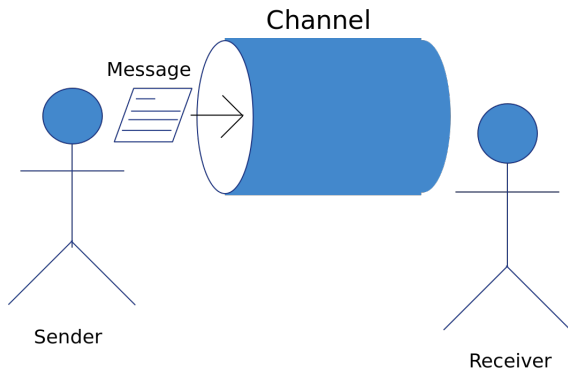
# Introduction



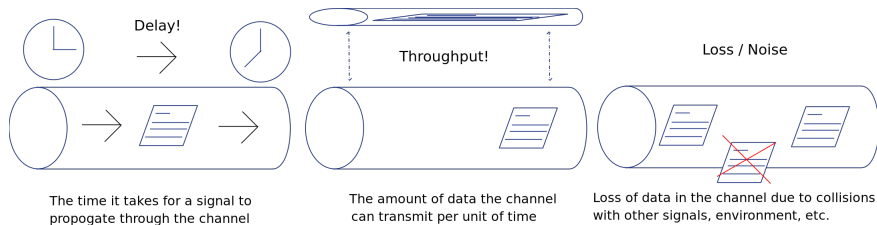
Stochastic differential equations are often used to model the nondeterministic behavior of network channels in computer science.

# Networking Basics

A **Channel** is the medium through which a message propagates from sender to receiver.



# Channel Characteristics



# Demonstration

