

ARO MURI MAASCOM Kickoff Meeting

Modeling, Analysis, and Algorithms for Stochastic Control of Multi-Scale Networks (MAASCOM)

Sept. 19, 2008
Blackwell Inn, Room 330 of Pfahl Hall



Continental Breakfast and Introductions: 7.00—8.00AM

8:00—8:30AM: Introduction (Harry Chang, Program Manager)

8:30—9:25AM: MAASCOM Overview (Ness Shroff)

9.25—9.40AM: Break

Technical Talks Begin

Area 1: Traffic Modeling and Performance Analysis of Multi-Scale Networks

9.40—10:20AM: Area Overview and talk on Multifractal and Gaussian Fractional Sum-Difference Models (Bill Cleveland):

10:20—10:40AM Spatial and Temporal Traffic Modeling (Ian Akyildiz)

10:40—11.00AM Traffic Modeling and Queueing Analysis (Mark Ward)

11.00—12.10PM: Buffet Lunch

Area 2: Multi-scale Network Control

12.10 —12.50PM: Area Overview and talk on Network Control for Multi-scale Networks (Eytan Modiano)

12.50 —1.15PM: The challenges of meeting QoS across multiple time-scales: A theory of QoS for wireless (P.R. Kumar)

1.15 — 1.50PM: Break

Area 3: Network Inference and Information Assurance in Multi-scale Networks

1.50PM — 2.30PM: Area Overview and talk on Inference and Assurance of Networking Information (Lang Tong)

2.30PM — 2:50PM: Network Flow Modeling for Information Assurance (Jennifer Neville)

2:50PM — 3.20PM: Network Inference for Control and Information Assurance (John Baras)

3.20PM: Feedback from Government
