

Session Program

28-29 Sept 2005

**Modified Agenda: DoE High-Performance
Network Research PI Meeting**

MICS R&D programs

Brookhaven National Lab.

Thursday 29 September

08:30

MICS R&D programs

Session | **Location:** Brookhaven National Lab.

08:30–08:40

Logistic

Speaker

Dr Dantong Yu

08:40–08:55

Ultra-Scale Networking - Ultra Science Network testbed

Speaker

Dr. Nageswara Rao

09:00–09:15

Terapaths: A QoS Collaborative Data Sharing Infrastructure for Petascale Computing Research - I

Speaker

Dr Dantong Yu

09:15–09:30

Terapaths: A QoS Collaborative Data Sharing Infrastructure for Petascale Computing Research -II

Speaker

Roger Cottrell

09:30–09:45

Lambda Station: Exploring Advanced Networks in Data-Intensive High-Energy Physics Applications - I

Speaker

Don Petravick

09:45–10:00

Lambda Station: Exploring Advanced Networks in Data-Intensive High-Energy Physics Applications - II

Speaker

Prof. Harvey B Newman

10:00–10:15

Enabling Supernova Computations by Integrated Transport and Provisioning Methods Optimized for Dedicated Channels - I

Speaker

Dr. Nageswara Rao

10:15–10:30

Enabling Supernova Computations by Integrated Transport and Provisioning Methods Optimized for Dedicated Channels - II

Speaker

Malathi Veeraraghavan

10:30-10:45

Coffee Break

10:45-11:00

Ultrascalse Network Research Testbed Enabling Computational Genomics**Speaker**

John McCoy

11:00-11:15

Overlay Transit Networking for Scalable, High-Performance Data Communication across Heterogeneous Infrastructure**Speaker**

Micah Beck

11:15-11:30

ESnet On-demand Secure Circuits and Advanced Reservation Systems**Speaker**

Bill Johnston

11:30-11:45

Network Quality of Service (QoS) for Experimental Magnetic Fusion**Speaker**

David Schissel

11:45-12:00

Highly Scalable, UDT-Based Network Transport Protocols for Lambda Grids at 10 GE Routed Networks**Speaker**

Bob Grossman

12:00-13:00

Lunch

13:00-13:15

GridFTP Light**Speaker**

William E. Allcock

13:15-13:30

Detecting and Blocking Network Attacks at Ultra-High Speeds**Speaker**

Nicholas Weaver

13:30