

Session Program

28-29 Sept 2005

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

SBIR/STTR Program

Brookhaven National Lab.

Wednesday 28 September

09:00

SBIR/STTR Program

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

09:00-09:15

Workstation Network Interfaces for 10 Gbps and Beyond

Speaker

Jesse Wen

09:15-09:30

Interoperability Between Ultra High-Speed Networks and Traditional IP Networks

Speaker

Ram Balasubramanian

09:30-09:45

Ultra High Speed Transport Control Protocol and Architecture

Speaker

Dr. Mathos Kazantzidis

09:45-10:00

Dynamically Provisioned GMPLS Optical Networks

Speaker

Mr. Jim A. Klingshirn

10:00-10:15

Scalable Intrusion Detection System for Rapid Global Detection of Network Attacks

Speaker

Dr. Alexander G. Tartakovsky

10:15-10:35

Coffee Break

10:35-10:50

An Integrated Authorization and Intrusion Detection Systems for GMPLS Control Plane

Speaker

Dr. Chris Retna Dhas

10:50-11:05

RDMA Directly Over DWDM Using Fast Optical Control Plan Provisioning for Low Latency in High Speed Networks

Speaker

Mr. Alan Jamison

11:05-11:20

Automatic Compilation of Firewall and Intrusion Detection Rules for High-Speed Network Processing Engines

Speaker

Dr. Kenneth Mackenzie

11:20-11:35

SAMTP (SONET Application Memory Transport)

Speaker

Dr. Bodo Parady

11:35-11:50

Grid Network Session Processing and Forwarding Engine

Speaker

Mr. Peter Reali

11:55-13:00

Lunch

13:00-13:15

Multi-Gigabit OS Bypass System for Grid Computing

Speaker

Mr. James M. Awrach

13:15-13:30

Protocol-Transparent, Universal Optical Front-End for 10 Gb/s Network Interface Cards

Speaker

Jesse Wen

13:30-13:45

Washington Update

Speaker

Walt Polanski

13:45