

FIND PI meeting
June 27-28, 2007
Arlington, VA

Wednesday, June 27	
9:00-9:15	Introduction, review of agenda
9:15-10:45	Security 1: Protecting the infrastructure—panel on routing
10:45-11:00	Break
11:00-12:00	Security 2: New ideas for the source address
12:00-1:00	Lunch
1:00-3:00	Economics—talks and panel
3:00-3:30	Break
3:30-5:00	Security 3: The homework assignments
5:00-5:20	Report on Rutgers meeting
5:30-6:30	Reception
6:30	Dinner—Introduction of new people
Thursday, June 28	
9:00-10:30	Virtualization revisited
10:30-11	Break
11:00-12:30	Security 4: Protecting the end-node
12:30-1:30	Lunch
1:30-2:30	Breakouts—thinking about architecture (details to follow)
2:30-3:00	Report on breakouts
3:00	Adjourn

Protecting the infrastructure – panel on routing	
Session description	
<p>The goal of this session is to explore security in a next-generation Internet architecture, in the context of secure routing. The session will consider the threats on the routing system and consider several architectural proposals as alternatives to today's architecture. The hope is to encourage discussion of the role the routing system should play in ensuring the future Internet is secure.</p>	
Agenda	
Jennifer Rexford	5 min Introduction and open questions
Morley Mao	15 min Threats & lessons learned from today's control/management planes
Jennifer Rexford	10 min Multipath routing and secure availability monitoring
Xiaowei Yang	15 min Source routing
All	45 min Discussion/Q&A

Economics and its applicability to FIND research		
Session description		
The goal of this session is to explore how the computer science research community might better make use of and engage economics research (and perhaps other multidisciplinary research) in designing the NextGen Internet. The hope is to discern opportunities for expanded communication and multidisciplinary research sharing that will enhance FIND research goals.		
Agenda		
William Lehr	15	The importance of economics in networking
John Musacchio	15	Market enabling architectures
Xiaowei Yang	15	End-User choice in routing
Aparna Gupta	15	From packet switching to contract switching
Andrew Odylzsko	30	Economic models of network architecture
Group Discussion	30	Group discussion

Virtualization revisited	
10 Introduction/Overview	
Part 1: FIND Project Updates	
15 Diversified Internet Architecture (Jon Turner / WashU)	
15 Composing Virtual Networks: Splicing and Nesting (Nick Feamster)	
10 Outreach Activities (Jennifer Rexford)	
Part 2 (Panel): Reactions, and Experience from Industry	
15 Vijay Gill (Google)	
15 Kobus van der Merwe (AT&T)	

Protecting the end-node – panel	
Vern Paxson	
Paul Syverson	
Nicholas Weaver	
Xiaowei Yang	
Stefan Savage	
Angelos Keromytis	