

# Panel: The Capabilities of P2P Systems

Workshop on Peer-to-Peer and Grids:  
Synergies and Opportunities

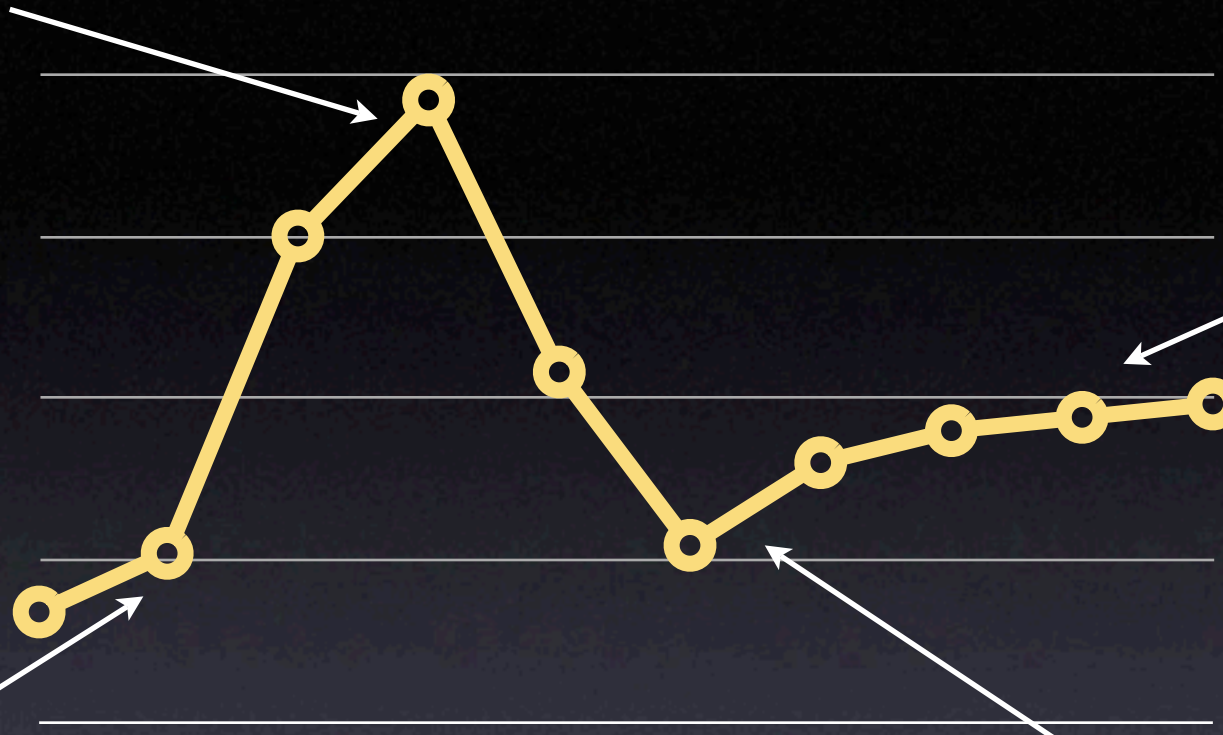
Karan Bhatia (SDSC), moderator  
Brian Cooper (Georgia Tech)  
Alex Mallet (Microsoft)

Geoffrey Fox (Indiana Univ)  
Adriana Iamnitchi (Univ. Chicago)  
Jim Browne (Univ. Texas)

# Hype Curve

lots of  
adopters, no  
performance  
data

Adopters ↑



technology  
proven

early  
adopters

Time →

lack of payoff,  
many depart

Napster:

1.79 M simultaneous users  
2.8 B files shared/month peak

Seti@Home:

4.6 M users in over 200 countries  
 $3.7 \times 10^{21}$  FLOPS

Global Grid Forum 9, Chicago Oct 5-8, 2003

# P2P Technologies and Techniques

- Routing and Overlay Networks
- Naming and Anonymity
- Search and Discovery
- Fault Tolerance
- Data Management
- High Scale
- Heterogeneous Environments

# Introductions

- Brian Cooper
- Alex Mallet
- Geoffrey Fox
- Adriana Iamnitchi
- James Browne