Collect, **A**nalyze, and **S**hare for **F**uture **I**nternet: High-Precision Measurement and Analysis Research

11th CAIDA-WIDE
2nd CAIDA/WIDE/CASFI Workshop

2009.4.4~5
Seoul National University
Engineering School

Sue Moon
KAIST

Our Team

University Research Labs w/ data from campus networks

- KAIST, CNU, POSTECH all participated in CAIDA DITL 2007/2008

Team Members

James Hong (POSTECH)	IEEE ComSoc CNOM Chair (2005~now) NOMS, APNOMS, KNOM Steering Committee
Choong Seon Hong (Kyunghee)	APNOMS 2002, 2007 TPC Co-chair
Taek-Geun Kwon (CNU)	NP-based high-speed pkt processing system SKT P2P/VoIP detection system
Youngseok Lee (CNU)	5+ years of KOREN traffic measurement & analysis Wireless LAN and IPv6 traffic m & a

Research Topics of 2008-2009

- KAIST
  - User behavior analysis
  - KAIST backbone traffic analysis
  - Data sharing platform development
- POSTECH/KHU
  - Review manageability issues in Future Internet
- CNU
  - Flow/contents identification at 1GB or higher speed
  - VoIP identification in 3G/3.5G

Motivations

- Measurement research benefits from
  - More data
  - Diverse data
  - Feedback (as always!)
- Build a community of measurement research
  - People and schools with “data”
  - Past track record of research in this field

http://casfi.kaist.ac.kr