Welcome!

- we have a terrific group of people here:
  - academia and industry
  - small, medium, large schools
  - international
  all of whom care about education, learning

- look forward to a day of discussion, learning, and enlightenment!
Why are we here?

- learn about/discuss what others are doing (or thinking about) in curriculum design and teaching practices
- leverage each other’s work:
  - lessons learned
  - resources (e.g., course materials)
- information/resources for the community
  - report
  - model curricula, as adjunct to ACM/IEEE 2001 recommendations
Workshop agenda/format

- **3 highly interactive panels**: equal parts panel presentations, open discussion
  - undergraduate curriculum
  - networking labs
  - graduate curriculum
- **parallel breakout session**
  - report back, discussion, next steps
- **posters** during breaks
- **lots** *(and lots and lots)* of discussion
A few logistics....

- posters
- travel grant reimbursements
- other questions/issues .....?
Thanks!

- **participants**: who will make this happen
- **ACM Sigcomm**: sponsorship, local arrangements
- **NSF**: travel grants
- **organizers**:
  - J. Kurose, J. Liebeherr, M. Murray, E. Nemeth, S. Ostermann, T. Ott-Boisseau
Introductions all around...

- who are you?
- where are you from?
- anything else you want to say?
  - particular interests?
  - something particular you hope comes out of the workshop
Panel 1: Undergraduate Curriculum

Chair: Shawn Ostermann (Ohio U.)
Panelists:
- Russell Clark, Georgia Tech
- Ralph Droms (Cisco),
- Michael Greenwald (U. Pennsylvania)
- Dave Morgan (Fidelity)
- Craig Partridge (BBN)
Panel 2: Networking Labs

Chair: Jorg Liebeherr (U. Virginia)

Panelists:
- Ann Burroughs (Humboldt State U.)
- Magda El Zarki (UC Irvine)
- Doug Comer (Purdue U.),
- Gene Longo (Cisco)
- Nick McKeown (Stanford U.)
Panel 3: Graduate Curriculum

Chair: Jim Kurose (U. Massachusetts)

Panelists:
- K. Calvert (U. Kentucky)
- S. Jordan (UC Irvine)
- R. Yavatkar (Intel)
- T. Znati (U. Pittsburgh/NSF)
Panel 3: Graduate Curriculum

- is there an emerging graduate “core”?
  - courses versus topical seminars
  - which courses?
  - win a Comer award?
- different student constituencies: MS, MIS, PhD
  - want different skills, material
- what do you teach, and why?
- theory versus practice
- MS and PhD programs in networking, telecom
Parallel Breakout Session

- **discussion topics**: up to participants!
- **report-back**: identify “scribe” who will report back to larger group
  - what was discussed?
  - points of consensus, violent disagreement
  - future steps: building on today’s discussion
Moving forward.....

✓ post panelist and discussion group slides
   gaia.cs.umass.edu/workshop1.html
✓ email discussion group
   sigcomm_education@cs.umass.edu
✓ undergrad document: input to ACM, IEEE (Shawn O.)
✓ leverage repository of lab curriculum (Jha)

Other actions:
- anyone else want to include a white paper?
- pointers to course syllabi (Maurice A.)?
- Liaison to computer engineering group (Miguel L.)
- COMSOC liason (Dave T)
- other ideas?
Thanks again

- *participants*: who made this happen
- *ACM Sigcomm*: sponsorship, local arrangements
- *NSF*: travel grants
- *Organizers and volunteers* pressed into service