

C. Conference Agenda

Day 1: Wednesday, May 10, 2000

10am-11:30am: Opening plenary <i>(Rapporteur: Tora Bikson)</i>	
Welcome; NIC goals for this activity	Larry Gershwin, NIC
Overview of RAND 3-year project goals and approach	Richard Hundley, RAND
Summary of results of first conference, held Nov 16-19 '99	Richard Hundley, RAND
Objectives, scope and structure of this conference	Peter Denning (GMU) and Robert Anderson (RAND)
Each participant introduces him/herself, gives brief background and interests	[all]

11:30am-11:45am: Break

11:45am-1pm: Plenary on future visions, part 1 Participants give visions of the future up to 2020, with attention to assumptions and claims underlying these visions. <i>(Rapporteur: Steve Bankes)</i>	
Technologies, artifacts, and usage: Some useful distinctions	William Caelli, QUT
Communication networks and technology	David Farber, U Penn and FCC Erol Gelenbe, UCF
Software: Agents, intelligent and otherwise; language and speech translation and interpretation; user interface and multimedia	Douglas Lenat, CYC Robert Frederking, CMU
Group participation, comments	[all]

1pm-1:30pm: Working lunch during next session

1:30pm-3pm: Plenary on future visions, part 2 Participants give visions of the future up to 2020, with attention to assumptions and claims underlying these visions. <i>(Rapporteur: Steve Bankes)</i>	
Nanotechnology and biotechnology, and their specific relevance to information systems, sensing, and devices; interim findings from Global Trends 2015 study	Philip Anton, RAND
Computing devices and artifacts (PCs, kiosks, handhelds and beyond)	Joel Birnbaum, HP Eric Harslem, Dell
E-commerce and beyond: New forms of doing business, interacting, interrelating in cyberspace	Colin Crook, Wharton James Kearns, Financial Design Inc.
Group participation, comments	[all]

3pm-3:30pm: Break

3:30pm-4:30pm: Panel of observers and discussants <i>(Rapporteur: Dick Hundley)</i>	
Panel of observers: Expose and elucidate assumptions that may have gone unstated or unnoticed by speakers. Call attention to clashes among the visions, and discuss whether this may result from differing assumptions.	Peter Denning, GMU Raj Reddy, CMU Richard Neu, RAND Lily Wu, XLinux
Group participation, comments	[all]

4:30pm-6:30pm: Plenary on artifacts and usage, part 1 <i>(Rapporteur: Dick Neu)</i>	
Active discussion by conference participants on candidate IT artifacts and usage that are likely to become widely used and make a significant difference during the next 20 years. We are interested in systems that are the natural consequence of trends already visible today, and on "wild cards" that could come from nowhere but may be portended by fringe practices today. Consider two categories: (1) those that add to the "great information attractor"; and (2) those that eliminate barriers, thus affecting the differential impact of these technologies. This session should generate a list of candidate artifacts and usages. (Discussion led by Denning and Anderson.)	

7pm: Conference dinner

Day 2: Thursday, May 11, 2000**9am-11am: Breakout groups, part 1**

Four breakout groups are formed. Each considers artifacts (or systems) listed in the final plenary session on the previous day. They formulate positions on the questions:

- What are the realities of today (if any) that make such a system "inevitable"?
- If the system or development is a "wild card", what factors make it something to be taken seriously?
- What are the benefits if the system were to come into wide use?
- What are the downside risks and negative consequences that might result from the system's widespread use?
- What constraints may prevent the system from coming into widespread use? Will they be overcome in the next 20 years?
- What regional differences exist that will influence the use of the technology?
- What key assumptions do you make in formulating this assessment?
- Do any new systems or "wild cards" appear to you as a result of your analysis?

11am-1pm: Plenary – preliminary findings of breakout groups

Each breakout group presents preliminary findings for 15 minutes, followed by group discussion.

1pm-2pm: Lunch

2pm-5pm: Breakout groups, part 2

The four breakout groups reconvene and conclude.

6pm-8pm: Reception at Newell-Simon Atrium, Carnegie Mellon University

Day 3: Friday, May 12, 2000

8:30am-10:30am: Plenary <i>(Rapporteur: Jim Dewar)</i>
Breakout groups' presentation of findings (30 min. each)

10:30am-10:50am: Break

10:50am-noon: Plenary <i>(Rapporteur: Dick Hundley)</i>	
Panel of observers gives their impressions of the group reports, again looking for unstated assumptions, clashes, and interactions among the concepts. Does a coherent picture emerge? Where are the conflicts? Compatibilities? Reinforcing trends? Counteracting trends? (30 min)	Peter Denning, GMU V.S. Arunachalam, CMU Charles Herzfeld Noel McDonald, UCSB
Group discussion by all participants on conference findings and conclusions Closing observations and remarks by conference co-chairs and conference sponsors	

noon-1:30pm: Lunch (informal discussion)

1:30pm: Conference end