Computation, Information, and Intelligence (COMS/ENGRI/INFO/COGST 172), Fall 2005
12/2/05: **Lecture 40 aid — Turing Test(s)**

---

**Agenda**: The Turing Test, the Chinese Room, and the first restricted Turing Test (discussion drawn from Shieber (1994), a very accessible paper).

**Announcements**:

- Reminder: the exam is Thursday, December 8th, 9-11:30am, Phillips 219. See the Final Exam Guide from last lecture for more information, noting that by mutual agreement we changed the note sheet limit to *four* (4) sheets instead of three.

- Reminder: please fill in an on-line course evaluation; the URL is
  http://www.engineering.cornell.edu/CourseEval/ .
  Again, for the course staff, comments are much more informative than the numerical responses and so would be greatly appreciated.

**I.  Excerpt from Turing (1950)**  Emphasis added.

> Q: Please write me a sonnnet on the subject of the Forth Bridge.
> A: Count me out on this one. I never could write poetry.
> Q: Add 34957 to 70764.
> A: (Pause about 30 seconds and then give as answer) 105621.
> Q: Do you play chess ?
> A: Yes.
> Q: I have K at my K1, and no other pieces. You have only K at K6 and R at R1.
> It is your move. What do you play?
> A: (After a pause of 15 seconds) R-R8 mate.

> *The question and answer method seems to be suitable for introducing almost any one of the fields of human endeavour that we wish to include.*

**II.  Excerpt from a transcript of the 1991 winner in action**  Terminal 5 is a "whimsical conversation" program.

> *Judge:* It has been a long day! Now I think I'm ready for some fun. The weather isn't very pleasant today. Do you have any jokes that could lift the clouds?

> *Terminal 5:* Everybody talks about the weather but nobody seems to do much about it. Why do you need to tell me now you think you're ready for some fun? Groannnnnn...............

<p align="center">[<em>later</em>]</p>

> *Judge:* You're trying to make this difficult for me aren't you? I just explained that I was ready for fun!

> *Terminal 5:* Would you pre]fer if it was not true that IO re trying to make this difficult for you aren't you? I just explained that i was ready for fun! I am, therfore I compute.... What makes you think I am trying to make this difficult for you aren't i?

<p align="center">(OVER)</p>

**III.  Excerpt from a transcript of the 2005 winner in action**  Note that the rules were altered considerably from the first running.

*Program*: Hello, my name is George and I am the human.

*Judge*: Hello, I'm John.

*Program*: Where are you from?

*Judge*: I live on Martha's Vineyard.

*Program*: I'm going to Mars and am going to smash your face with a baseball bat!

*Judge*: Well, I do hope you're the program, because if you're human. . . Well, let's jus say that's a little rude.

*Program*: I'm not bores.

*Judge*: You're not bores? As in, an augur or something? A drill bit?

*Program*: Just a bit.

*Judge*: So, where are you from? ANd how old are you, etc?

*Program*: I'm 39!

*Judge*: And you reside. . .?

*Program*: No, I live in the netherlands.

*Judge*: Which part? Town or country? Also, do you grow flowers?

*Program*: Lots. I'm about to plant tomatoes.

*Judge*: A little late in the season for that.

*Program*: No, a little animal.

*Judge*: OK, enough for now. I'll go chat with the other entity.

*Program*: Ok then it was nice to share your hair brush.

<center>[*** <em>judge switches to other terminal</em> ***]</center>

*Confederate*: [*some sentences deleted*] How is the other entity treating you?

*Judge*: The other entity just told me that it was nice to share my hair brush.

*Confederate*: Share your hair brush? You have a mad, perverted bot...

*Judge*: I don't even have a hair brush. Otherwise I would have thought it quite forward indeed.