The Linguistics Program Presents

On deceptive ...*Language in the US*

Julia Hirschberg
Columbia University

"Detecting Deception from Speech: Humans vs. Machines"
There is considerable interest in recent years in automatic methods of detecting deception to supplement current human and polygraph approaches, especially using new sources of information. We have collected a large corpus of deceptive and non-deceptive speech in order to identify acoustic/prosodic and lexical cues associated with deception automatically. Our machine learning experiments predicting deception achieve performance which compares favorably with the performance of human judges on the same data and task. We suggest that personality factors may be a key factor in successful human judgments, based on our perception studies. (This is joint work with Frank Enos, D. E. Shaw & Co., and with collaborators at SRI/ICSI, Constantine the Philosopher University, and the University of Colorado, Boulder.)

November 6, 2009
3:30 PM
@ Sloan 112
Reception to Follow

Sponsored by the USC Linguistics Program, the Center for Digital Humanities, and Computer Science and Engineering

Also by Julia Hirschberg, **"Modeling Turn-Taking Behavior in Spoken Dialogue Systems"**
Presentation **Thursday, Nov. 5 @ 3:30** in **BA 584** - Part of the CDH Future Knowledge Series