

Northeast Computational Phonology Circle (NECPhon 4)  
University of Massachusetts, Amherst  
Saturday, October 9<sup>th</sup>, 2010

The workshop will take place in the lounge of the third floor of South College. All talks are 30 minutes, plus 10 minutes for discussion.

- 11:45 Lunch (bagels and coffee will be provided)
- 12:30 Crystal Akers, Rutgers  
"Learning Multiple Hidden Structures"
- 1:10 Brian Dillon and Ewan Dunbar, Maryland  
"Bayesian learning of allophony"
- 1:50 Kevin Roon and Diamandis Gafos, NYU  
"Modeling gradient and categorical data:  
Response time and perceptual choice in  
production and perception"
- 2:30 Break
- 3:00 Jeff Heinz, Delaware  
"Formal learning theories and what they  
mean for learning phonologies"
- 3:40 Gaja Jarosz, Yale  
"Beyond Robust Interpretative Parsing for  
the Gradual Learning Algorithm"
- 4:20 Joe Pater and Robert Staubs, UMass Amherst  
"Learning probabilistic serial Harmonic  
Grammar"
- 5:00 Igor Yanovich, MIT  
"Making smarter contenders"