

IIS Weekly Research Meetings (2014 FALL Semester)

Language & Information Processing (V. Rus)

An Intelligent Tutoring System based on Deep Language and Discourse Processing and Advanced Tutoring.

Mondays

10-11a
FIT, 405

Student Script Authors (A. Graesser)

Students create lesson curriculums for the Center for the Study of Adult Literacy. They build their lessons in the Autotutor Script Authoring Tool and work with programmers for medias in the lessons.

Mondays

10:30-11:30a
FIT, 407

Cognitive Brownbag

Is the primary meeting of the Cognitive Area of the Psychology Department.

Mondays

11:30a-12:30p
FIT, 405

BrainTrust (A. Olney)

This project will develop and evaluate the potential of a new human-computer system that bridges the roles of virtual student and virtual teacher to allow humans and computers to take turns teaching and learning from each other.

Mondays

2:30-3:30p
FIT, 405

PAL3 (A. Graesser)

Mondays



4-5p
FIT, 405

JMITSE (X.Hu)

The goal of this efficacy project is to improve mathematics in middle students using an intelligent tutoring system called ALEKS (Assessment and LEarning in Knowledge Spaces).

Mondays

4-5p
FIT, 410 (fishbowl)

CSAL Meeting (A. Graesser)

Center for the Study of Adult Literacy: The goal of this project is to develop and evaluate a multiple component intervention framework to address and conduct research on struggling adult readers and their literacy learning needs.

Tuesdays

10-11a
FIT, 405

Production Rules (A. Graesser)

Tuesdays

12n-1p
FIT, 405

Emotions (A. Graesser)

Emotive Computing Lab: This meeting involves a conference call between the lab members at the University of Memphis, University of Waterloo, and the University of Notre Dame. We examine the role of boredom and engagement during reading.

Tuesdays

1-2:30p
FIT, 405

Graesser & Hu Projects

Weekly group meeting of all major projects within the IIS. Each week several people will present update from their respective Projects.

Tuesdays

2:30-4p
FIT, 405

CCRG (S. Franklin)

Cognitive Computing Research Group:

The CCRG's research revolves around the design and **implementation** of cognitive, sometimes "conscious," software agents, their computational applications, and their use in cognitive modeling.

Tuesdays

4-5:30p
FIT, 407

LAC/Minerva (A. Graesser)

Language Across Cultures: This project investigates the language and discourse patterns of English and Arabic texts using computerized text analysis tools.

Tuesdays

4-5p
FIT, 405

Tech Team/Minerva (L. Windsor)

Tuesdays

5-6p (Bi-Weekly) *"beginning Sept. 2nd"*
FIT, 405

ONR/STEM (X. Hu)

This project targets intelligent tutoring systems that use animated conversational agents to hold conversations with high school Algebra learners in natural language. The development focus addresses a gap in agent-based learning systems in mathematics.

Wednesdays

12n-1p
FIT, 405

CLASS 5.0 Project (A. Olney)

Wednesdays



The CLASS 5.0 project uses cutting edge research in speech recognition, discourse classification, and natural language understanding (NLU), to autonomously code classroom interactions between teachers and their students.
ADL Tutor.com (D. Morrison)

1-2p
FIT, 405

Wednesdays
2-3p
FIT, 407

Educational Testing Services (A. Graesser)

Wednesday
2-3p
FIT, 403B

Cognitive Science Seminar (Jason Braasch)
Began in 1985 and is now cross listed with three departments (Psychology, Computer Science, Philosophy) as 7514/8514. Each semester, the seminar focuses on a different topic in Cognitive Science.

Wednesdays
2:20-5:20p
FIT, 405

Public talks take place (4p) every week during the semester.

Political Opportunity: Contentious Political Behavior
This area of research examines how discourse patterns are diagnostic of socially significant states, like civil war and opposition mobilization, as well as social and protest movements.

Thursdays
4-5p
FIT, 405

Optimal Learning (P. Pavlik)
The Optimal Learning Lab at the University of Memphis is attached to the Institute for Intelligent Systems and Psychology Department.

Fridays
11a-12n
FIT, 407

One mission of the lab is to describe models of learning so that these models can be used by instructional software to sequence and schedule practice.