Answer Set Programming, Epistemic Specifications, Action Languages, and Intelligent Agents

By Dr. Richard Watson
Texas Tech University

Date: November 12th, 2013 (Tuesday)
Time: 3:40pm-4:40pm
Venue:ECE 226 (Bullen Room)

Faculty Coordinator: Dr. Yong Chen (yong.chen@ttu.edu)
Student Coordinators: Navaneeth Thiagarajan, Dan Ferguson, Lakhan Jhawar

Abstract:

The problem of how to represent and reason about knowledge is fundamental in computer science. In this talk, the problem, and related research questions, will be discussed on several levels: languages for knowledge representation; how reasoning problems can be expressed in these languages; and how the languages can be implemented. The speaker will focus on problems of his own current interest.

Speaker Bio:

Dr. Richard Watson is an Associate Professor and Director of Undergraduate Studies for the Computer Science Department. Dr. Watson is co-head of the Knowledge Representation Lab. He has been on the faculty at Texas Tech for 14 years and has studied knowledge representation for over 20 years. He currently serves as the faculty advisor for both ACM and UPE. He holds a PhD in Computer Science from the University of Texas at El Paso.