



UMass Lowell Computer Science Colloquium Announcement

Speaker: Assistant Professor Gary Livingston
Dept of Computer Science, UMass Lowell

Date: September 18, 2002

Time: 3:30pm–4:30pm

Place: Olsen 311 (The Media Lab)
Refreshments will be served at 3:15pm

Research Topics in Discovery and Artificial Intelligence

In this talk I will briefly present my research interests and some planned projects. My primary interests are in the areas of artificial intelligence and machine learning/data mining, and my current research is focused upon: (1) dramatically increasing the autonomy and power of machine learning/data mining programs, (2) applying the discovery programs I develop to biomedical databases, and (3) capturing, representing and using background knowledge. I am also interested in integrating AI techniques into traditionally non-AI areas; for example, I would like to study the use of AI and machine learning techniques to determine the structure and function of proteins given their amino acid sequences. I will detail many of my planned research projects, which range from small (term-project sized), well-defined projects to large projects which will span many doctoral dissertations.

Website: <http://www.cs.uml.edu/~wang/colloquia/>