

Center for Cognitive Science
University at Buffalo, State University of New York

Spring 2001 Colloquia

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Department of Computer Science
Northwestern University

Wednesday, February 7, 2001

2:00 pm - 3:30 pm

280 Park Hall, North Campus

“Qualitative Physics as a Language for Cognitive Modeling”

Most research in qualitative reasoning has been driven by applications in engineering, education, and other areas. However, I believe that perhaps the most important role for qualitative physics is providing representations and reasoning techniques for cognitive modeling. This talk will examine ideas from qualitative physics in this light, including speculations on how they can be used for modeling developmental results, as a component in natural language semantics, and as a bridge between perceptual and conceptual representations.

**Refreshments will be available
Everyone is welcome to attend**