Center for Cognitive Science

University at Buffalo, State University of New York

Wednesday, February 5, 2003

280 Park Hall

North Campus

2:00 pm – 4:00 pm

Michael Worboys, Ph.D.
National Center for Geographic Information and Analysis,
Dept. of Spatial Information Science and Engineering
University of Maine

"Cognitively plausible geometries of environmental space"

There is a need for computational theories of spatial representation and reasoning to be cognitively plausible, that is properly guided by the way humans think about space. This talk describes work done with human subjects concerning their view of the structure of space at the scale of buildings, neighborhoods, and cities, focusing on fundamental distance and direction relationships. Vagueness is an important component of such relationships. The talk concludes with some discussion of granularity, and the relationship between levels of detail in depictions and descriptions of environmental space

Refreshments will be available

Everyone is welcome to attend!

http://www.cogsci.buffalo.edu/html/2003spring.htm

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