National Center for Ontological Research
National Center for Geographic Information and Analysis
Department of Philosophy, University at Buffalo

present

MAPPING THE HUMAN BODY

SPATIAL REASONING AT THE INTERFACE BETWEEN HUMAN ANATOMY AND GEOGRAPHIC INFORMATION SCIENCE

April 16-17, 2005
Workshop to be held at
280 Park Hall, North Campus

Presentations will include:

The Body Region Connection Calculus
Olivier Bodenreider (National Library of Medicine · Bethesda, MD)

Granular Partitions and Anatomical Boundaries
Martin Boeker (Freiburg University Hospital, Germany)

Qualitative Spatial Reasoning
A. G. Cohn (University of Leeds, England)

Spatial Relations in the Human Brain
Olivier Dameron (Stanford University/University of Rennes)

Spatial Representation and Reasoning in Biomedical Ontologies
Maureen Donnelly (IFOMIS · Saarbrücken, Germany)

Ontology of Pathological Structures
Anand Kumar (IFOMIS · Saarbrücken, Germany)

Hills, Noses, Cliffs, Heads:
Earth Parts and Body Parts in Language and Thought
David Mark (University at Buffalo)

A Theory of Anatomical Boundary and its Implementation in the Foundational Model of Anatomy
Onard Mejino (University of Washington, Seattle)

Adjacency and Maps
Stefan Schulz (Freiburg University Hospital, Germany)

Wounded Knees
Barry Smith (University at Buffalo)

With Special Guest
Dr. Cornelius Rosse
Department of Biological Structure & Department of Medical Education and Biomedical Informatics · School of Medicine, University of Washington, Seattle

A full program is available at:
http://ontology.buffalo.edu/anatomy_GIS/

For further information, please contact Barry Smith at phismith@buffalo.edu