

## SFB/TR 8 Spatial Cognition / IQN Video Conference

Hanan Samet  
Department of Computer Science  
University of Maryland

### **Spatial Databases and Geographic Information Systems**

An introduction is given to the spatial database issues involved in the design of geographic information systems (GIS) from the perspective of a computer scientist. Some of the topics to be discussed include the nature of a GIS and the functionalities that are desired in such systems. Representation issues will also be reviewed. The emphasis will be on indexing methods as well as the integration of spatial and nonspatial data. Demos will be shown of the SAND Spatial Browser

(<http://www.cs.umd.edu/~brabec/sandjava>) as well as the VASCO JAVA applet (<http://www.cs.umd.edu/~hjs/quadtree/index.html>) which illustrate these ideas.

!!!!Special Date, Special Time!!!!

Die, 2. Juni 2009

informelle Kaffeerunde:

Vortragsbeginn: 11.00 Uhr

- Rotunde Cartesium,  
Enrique-Schmidt-Str. 5  
Universität Bremen
- Geb. 106, Raum 04 007,  
Universität Freiburg

Kontakt:

Prof. C. Freksa, Ph.D.  
freksa@informatik.uni-bremen.de  
0421 – 218 - 64230