

Slicing the Hypercube

Internship at the VRVis



Background: We are dealing with 4 dimensional Simulation Data and are looking for new ways of Interaction.

Idea: 3D-Slices through the Hypercube allow to manipulate the time-dimension as easy as the space-dimensions.

Tasks: The internship is laid-out to take six months. In this time you will:

- design a user-interface to specify the position of the slice in 4D using Qt & C++
- learn more about projections, transformations and data visualization
- get insight into a research facility working directly with industry projects

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