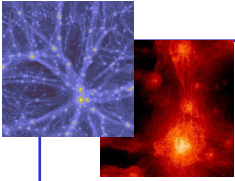**Theory Interest Group main activities:**

Specify a Data Model to describe data from (any kind of) numerical simulations → SimDM

Specify protocols to search for and query data of interest → S3, SimDB-TAP

Specify protocols to access the large variety of results of numerical applications → SimDAP: select and download only the data of interest.
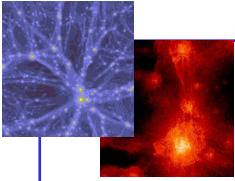
Keep things syncronized

Theory Session 1: Tuesday, Nov 10 10.30–12.00

Data Model and Access Protocols

Main goals:

1. Get to a conculsive version of the Simulation Data Model (SimDM).
2. Discuss the SimDM based TAP service.
3. Move toward integration and homogeneization of SimDB-TAP and other protocols (in particular S3).
4. Get to a conclusive version of the Simulation Data Access Protocol (SimDAP). Specific subject of discussion: generalization, representation of results.

Theory Session 2: Wednesday, Nov 11, 14.00–15.30
Demo Session

TWO main goals:

1. Have evidencies of and details about Theoretical VO-compliant prototype services under development.
2. Analize further/novel services related to numerical data; investigate if available protocols and models are appliable; have new ideas and collect new requiremnts for extending, improving and generalizing Theory's stuff already developed.