

Data exploiting, mining, preserving and visualization in Cosmological Numerical Simulations

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With the ever-growing power of supercomputers, numerical simulations are becoming more detailed, more sophisticated and.. bigger, year after year. One problem of the field is the storage and utilization of produced data. I will present example production dataset in the field of the formation and evolution of galaxies and galaxy clusters, and describe the needs of our community as far as analysis, visualization and long-term storage are concerned. I will discuss the possible access to these data, sketching an idea of various type of users.

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