

Simulations of cosmic structures: a challenge for coding and HPC architectures

Wednesday, September 17, 2014 6:30 PM (25 minutes)

I will describe the kind of cosmological simulations performed by our hpc group in Trieste, ranging from galaxies to galaxy clusters to cosmological volumes. I will briefly discuss our main simulation code, and its future planned development. In this context, I will also discuss our needs, and our wishes, in terms of hardware and hardware architectures.

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