

Running calculations and simulations jobs. Hands-on and practice session @ OKEANOS (Supercomputer @ ICM UW)

During this workshop we will compile and set-up codes (GADGET and/or RAMSES) for running cosmological N-body simulations on Okeanos supercomputer in Warsaw. We will also learn how to use PICOLA to generate adequate and accurate set of initial conditions. Next we will attempt to run several N-body simulations that probe different values of some cosmological parameters. If time will allow we will also try to run some halo finders on the output and compute and plot some generic statistics.