1D Ising Model run with h=0, J/Kb=1, T=1.9, and acceptance= \sim 0.5 Chain length = 10001500 1250 1000 750 500 250 0 200 400 600 800 1000 proposed chain location for each Metropolos step 200 0 Net Magnetization -200 -400 -600-800 Thermalization -1000 200 400 600 800 0 1000 -200 **-**250 -300 Energy -350-400**-**450 -500 0 200 400 600 800 1000

every 100 Metropolos steps