Number of particles: 2

Data copied to device

Starting time loop for GPU ...

Elapsed time on GPU: 0.166397 seconds

Number of particles: 10

Data copied to device

Starting time loop for GPU ...

Elapsed time on GPU: 0.17323 seconds

Number of particles: 101

Data copied to device

Starting time loop for GPU ...

Elapsed time on GPU: 0.736157 seconds

Number of particles: 1000

Data copied to device

Starting time loop for GPU ...

Elapsed time on GPU: 10.1534 seconds

Number of particles: 10000

Data copied to device

Starting time loop for GPU ...

Elapsed time on GPU: 129.892 seconds