Euler, Convergence rate  $r_{err} = 1.035$  $10^{-1}$  $10^{-2}$  $10^{-3}$ Relative Error  $10^{-4}$ 10<sup>-5</sup>  $10^{-6}$ N = 40000N = 80000 $10^{-7}$ N=160000 N=320000 0 10 20 30 40 50 Time (µs)