Imbalance for Multiple Simulation Runs **Equations of Motions Imbalance** Particle Update Imbalance 4.0 Neighbor List Building Imbalance Particle Mesh Solver Imbalance Local PP Interaction Imbalance 3.5 -Halo PP Interaction Imbalance Imbalance (Max/Min) 3.0 2.5 2.0 1.5 1.0 1.5 3.5 $r_cut = x * h$