MPI Efficiency (1e+06 elements per process) Simple 100% Hyper 90% **PSRS** 80% Ideal 70% Efficiency 60% 50% 40% 30% 20% 10% 16 32 128 0% 20 30 50 60 70 80 100 10 40 90 110 120 130 0 **Number of Processes**