Speed comparison of different SLIM versions 1.00 2.09 5.055.70 9.76 59.61 476.16 784.90 175 ÷2.09 150 Time per iteration [ms]  $^{122}$  $\div 2.42$ 50  $\div 1.13$  $\div 1.71$  $\div 6.11$ 25  $\div 7.99$  $\div 1.65$  $361 \mu s$  $219\mu s$  $30.2 \mathrm{ms}$ 17.6ms  $2.88 \mathrm{ms}$ 172ms  $82.2 \mathrm{ms}$  $34 \mathrm{ms}$ 0 AVA AVA AVA AVA-hip AVA-cuda AVA-cuda Base Base single single  $8 \times MPI$  $8 \times \text{OMP}$  $8 \times MPI$ RX Vega 7 RTX2060MRTX2080