CSCS Alps system (GH200) Dirac operator, NVSHMEM=off ideal scaling ideal scaling 256  $10^{-1}$ GPU periodic GDR=on GPU periodic GDR=on GPU C\* GDR=on GPU C\* GDR=on 128 CPU C\* (256 ranks per node) CPU C\* (256 ranks per node) 64  $10^{-2}$ 32



