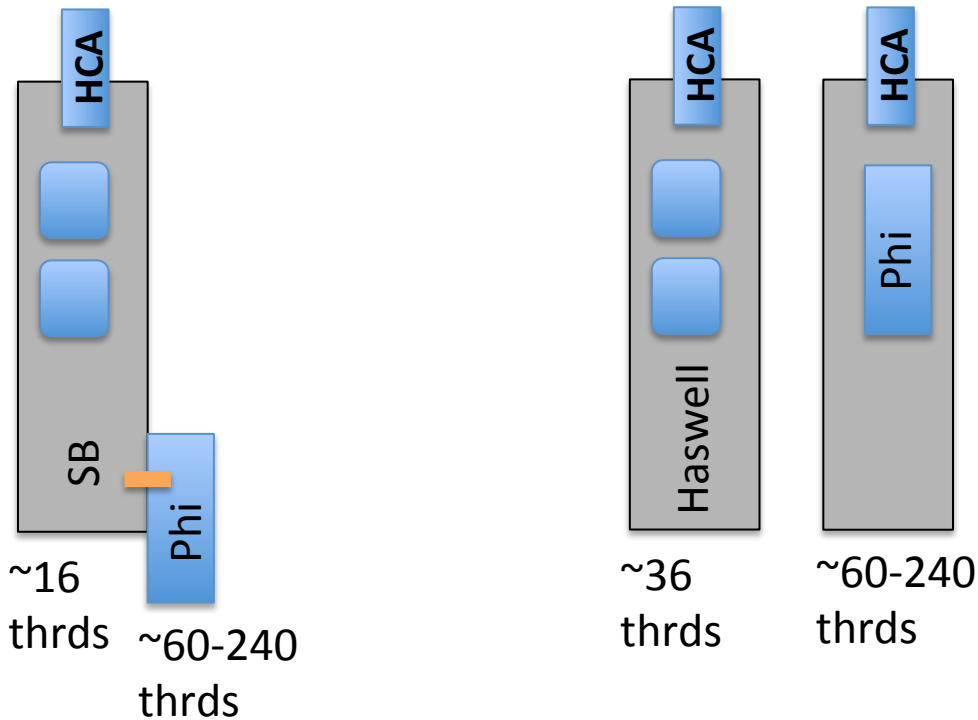


KNC → KNL Migration

Hmm?

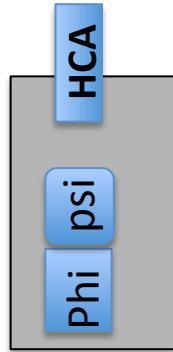
TACC Stampede 1 → 2 Migration



- Hetero or Homogeneous (Consider Amdahl's Law)
- Phi at "HCA status"
- More Mem on Phi (Module memory solves pipe problem.)
- HW Prefetch out of L1
- Vectors lengths same

- More parallel
- More Vector
- More Karp-Flatt Analysis

Kent's Corner



- Single Chip Solution

4-8 psi thrds
256 phi thrds