



How do we carve macro-gates?

- Levelize as-late-as-possible (ALAP)
- 2. Partition in layers
- 3. Cluster in *lids*
- 4. Aggregate '*lid*' cones of logic in one macro-gate



Simulation within a thread-block



Gate-level Simulation with GP-GPUs Debapriya Chatterjee, Andrew DeOrio and Valeria Bertacco The University of Michigan, Ann Arbor







Macro-gate balancing





- Schedule macro-gates