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Spatial locality

- Proper data distribution for ray-oriented approach very difficult
- Dynamically changing, unpredictable access, fine-grained access
- Better spatial locality on image data than on scene data
- Strip partition would do better, but less spatial coherence in scene access

Temporal locality

- Working sets much larger and more diffuse than Barnes-Hut
- \cdot But still a lot of reuse in modern second-level caches
- SAS program does not replicate in main memory

Synchronization:

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• One barrier at end, locks on task queues

Mapping: natural to 2-d mesh for image, but likely not important

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