



OpenMP for next generation heterogeneous clusters

- **Goal:** Use the same program at:
 - M{ulti|any}-core CPUs.
 - M{ulti|any}-core Clusters.
- **Idea:** Tile-aware OpenMP + PGAS memory.
 - Generate inter-tile parallelization from intra-tile.
 - PGAS mem. suspends processes reading data not yet available.

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