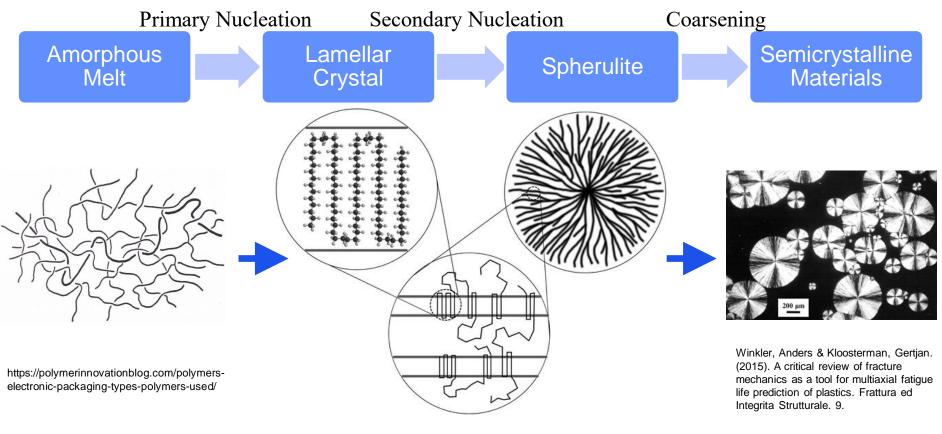
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S. T. Milner, "Polymer crystal-melt interfaces and nucleation in polyethylene," Soft Matter, vol. 7, no. 6, pp. 2909–2917, 2011.

Tree Soft Matter Theory

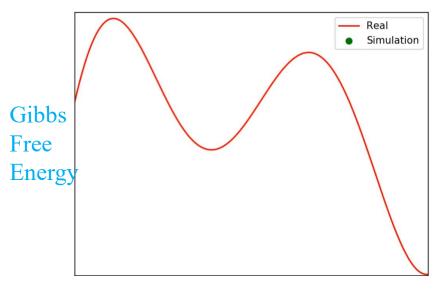
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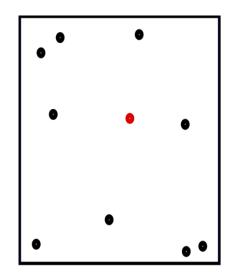


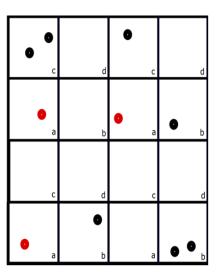
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1. Wang-Landau Sampling

2. Domain Decomposition





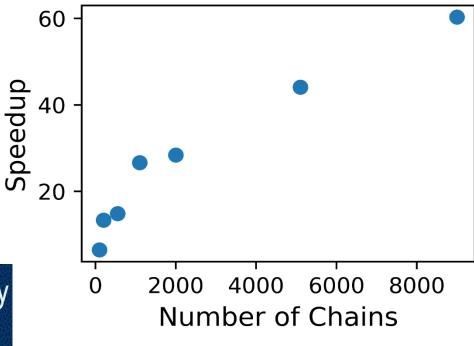


Energy



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- The program is called Monte Carlo Polymer Crystallization (MCPC)
- Preliminary studies show high achieved speedups



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