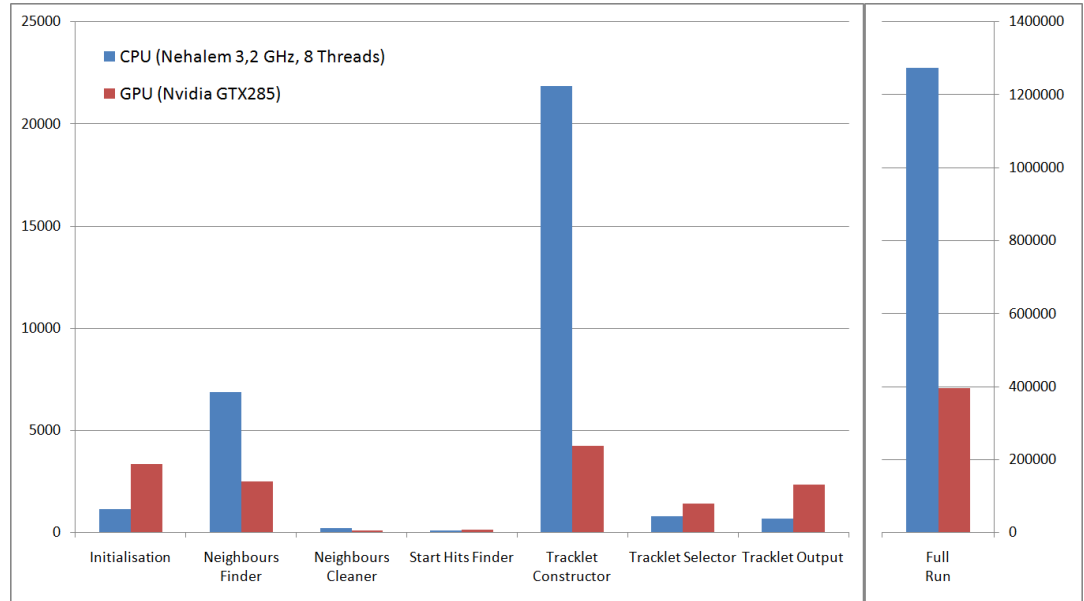
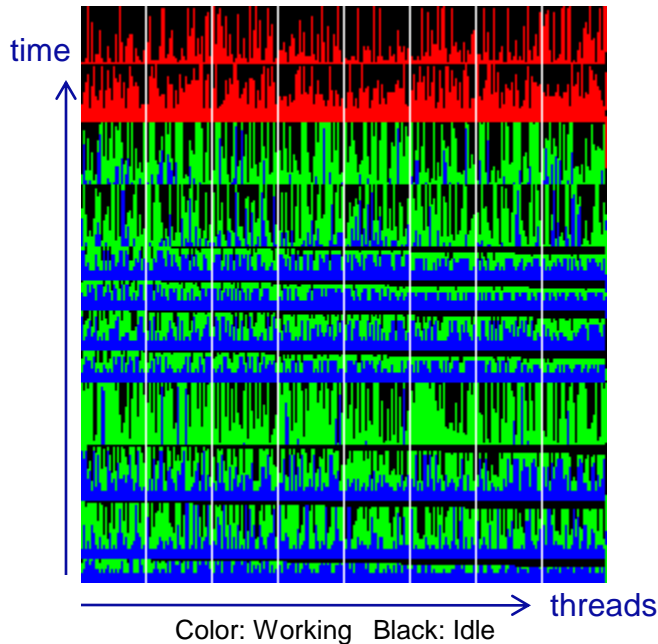


# Alice TPC Online Tracker for GPU

- GPU Tracker Features:
- Multiple slices in parallel
  - Tracklet rescheduling among Multiprocessors
  - Asynchronous DMA transfer
  - Same efficiency as CPU-Tracker

CUDA Device-Utilization: 67  
(during Tracklet Constructor)

GPU Tracker Performance: GPU / CPU Ratio: 3,22



## Asynchronous DMA transfer (12 Slices in parallel)

