

Performance Counter Based Scheduling

- Attendees: Henry Cook, Sarah Bird, Archana Ganapathi, David Probert, Karin Strauss, Daniel Waddington, Bill Tetzlaff
- Threads are no longer the right abstraction: we should think about scheduling tasks
- Not clear if we can schedule using simple counters or if we need more advanced features like tracing
- Autotuning that is aware of changing resource allocation will be important
- Disagreement about whether time-multiplexing will always be necessary
- We should research transitions in scheduling and holding resources in reserve to make transitions smoother