In this quarter, I plan to study Poisson Disk Sampling. Here are some papers about this topic.

1. Parallel Poisson Disk Sampling, [http://portal.acm.org/citation.cfm?id=1360612.1360619](http://portal.acm.org/citation.cfm?id=1360612.1360619)

I’m going to start paper 4 first (COOK 1986) in 2D, then the paper 2 for comparison, and move to paper 1 for the last.

Timeline

Week 5-6: study paper 4 and investigate the hardware in Accad to see the possibility of the implementation of paper 1 (since paper1 implements the algorithm through GPU and other parallel devices).

Week 7: paper 2, paper 3.

Week 8-11, paper 1 - implement the algorithm. (if we don’t have the hardware equipment at ACCAD, find an alternative.)