Time Step 1   Time Step 2

T0	→	A	- - wait - - →
T1	— wait →	B
T2	→	A	- - wait - - →
T3	— wait →	B
T4	→	A	- - wait - - →
T5	— wait →	B
T6	→	A	- - wait - - →
T7	— wait →	B

```
__global__ void kernel() {
    if (threadIdx.x % 2 == 0) {
        // A: do something
    } else {
        // B: do something else
    }
}
```