Hello everyone, my name is Nan Shao, it is great honor to give pre here and I am ready. Let’s get started

Today’s agenda includes 5 parts, background introduction, the problems we are facing now, what I’ve done, future work and Q and A session.

First of all, let’s talk a little bit about the context. My work is based on treadmill, so what is treadmill? TM is a kind of container based cloud computing platform; it provides capacity to run applications. Scheduler is a core treadmill component and it depends on Zookeeper to take care of coordination in distributed applications, stuff like that.

**App C**

**App B**

**App A**

**Server B**

**Server A**

**Treadmill Scheduler (fs-backend)**

**Task launcher**

**Server Manager**

**MONTE-CARLO STIMULATION**

**App C**

**App B**

**App A**

**APP-RELATED**

**Server**

**Server**

**Server**

**HOST-RELATED**

**TREADMILL**