

### **The Linux Scheduler: a Decade of Wasted Cores**

According to this paper, in spite of that threads are waiting to run in scheduling queue, the problem idle cores are not used exists in NUMA architecture. Because detecting those bugs is so difficult, authors suggested the tools helping to analyze those bugs which is sanity checker and visualizing tool. Sanity checker periodically verifies whether there are cores which are idle even though threads are waiting or not. Visualizing tool provides convenience for users easily analyzing if there are some of bugs in scheduling.