lottery scheduling: a randomized resource allocation mechanism with relative priorities.

the priorities are represented by the lottery tickets.

=> randomized -> avoid starvation

techniques for the lottery scheduling

* tickets transfers(to some degree solve the problem of priority inversion)
* ticket inflation(generally which should be disallowed, but can make sense for mutually trusted clients)
* ticket concurrencies(what this for?)
* compensation tickets(kind of avoidance of starvation)