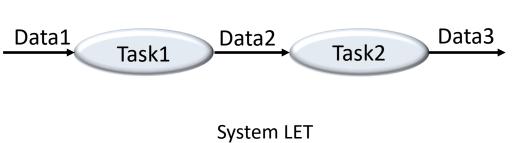
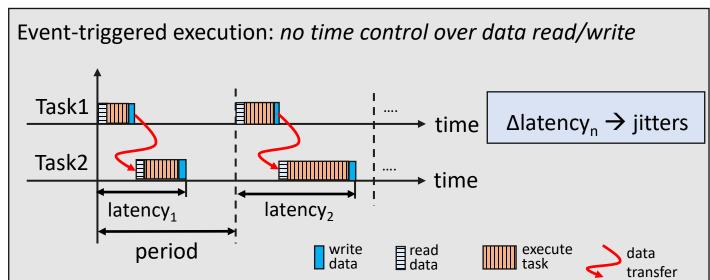
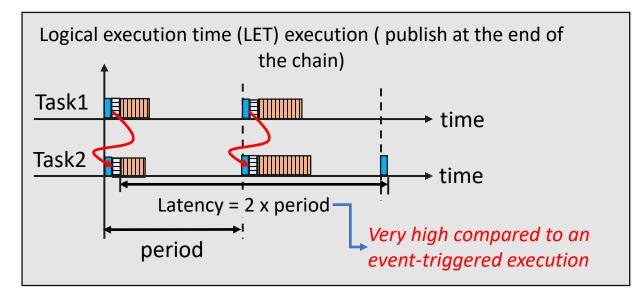
Temperature Monitoring System Architecture

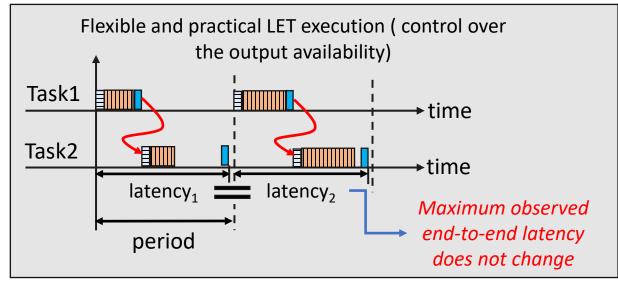
Hazem Abaza

High-level idea (Scalable, Extendable Architecture)

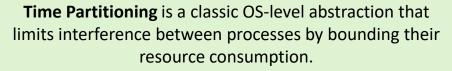


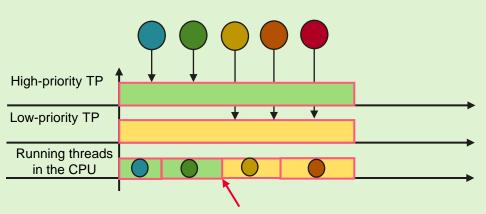






Flexible LET-based pub-sub architecture

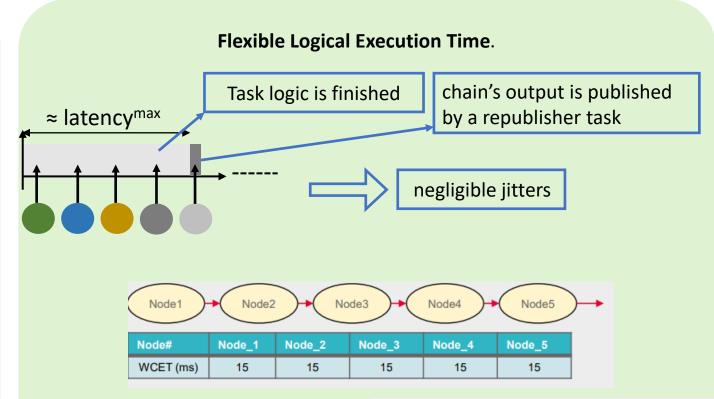


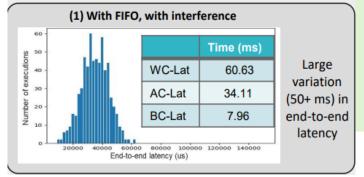


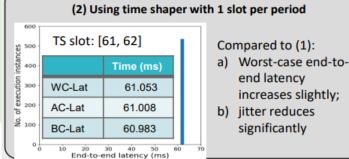
- No threads are ready-to-run in highpriority reservation server
- Threads from low-priority reservation server can run

Advantages:

- Precise control over threads' timings
- Good utilization for mixed-criticality workloads







High-level idea (Scalable, Extendable Architecture)

