

Conclusion and future work

- Provide agreement-as-a-service for embedded systems
- · Sensor value agreement with value validity
- Using trusted subsystem to decrease overhead
 - Reduce from 3f+1 to 2f+1 nodes, and one less message round

Thank you for your attention!

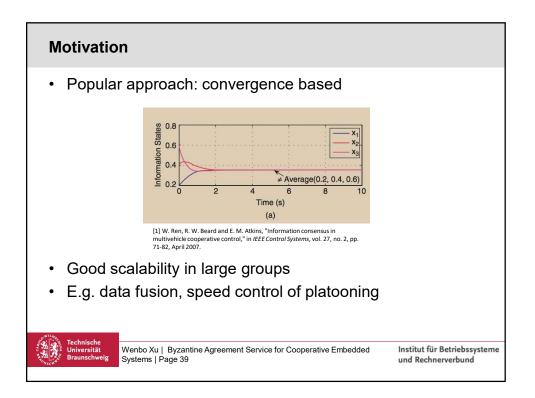
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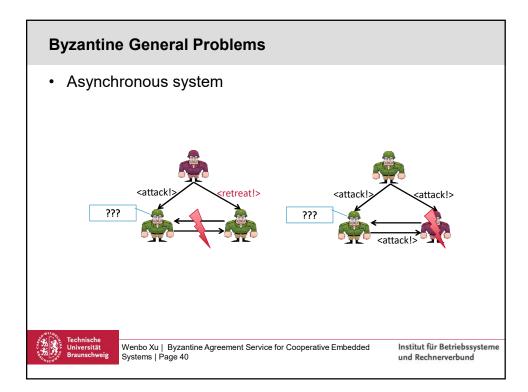
- More lightweight code base targeted for embedded system
- Implement trusted subsystem based on ARM TrustZone
- Network stack support
- Real-time requirement
- Comparison & combine with convergence based approaches

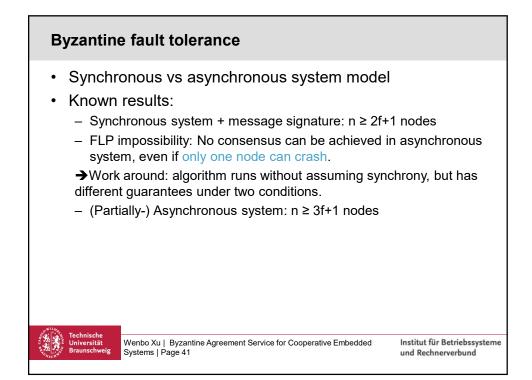
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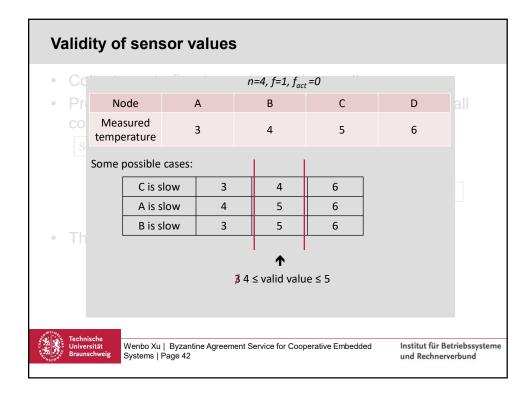
Wenbo Xu | Byzantine Agreement Service for Cooperative Embedded Systems | Page 37 Institut für Betriebssysteme und Rechnerverbund

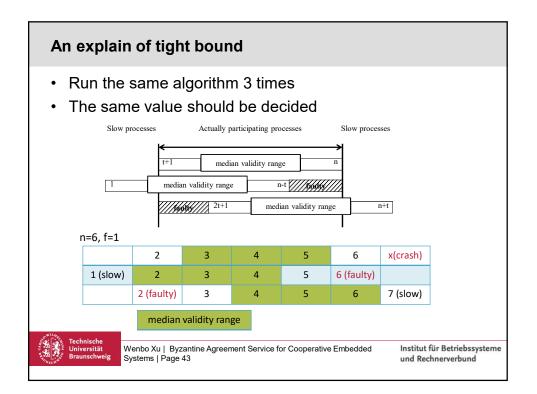


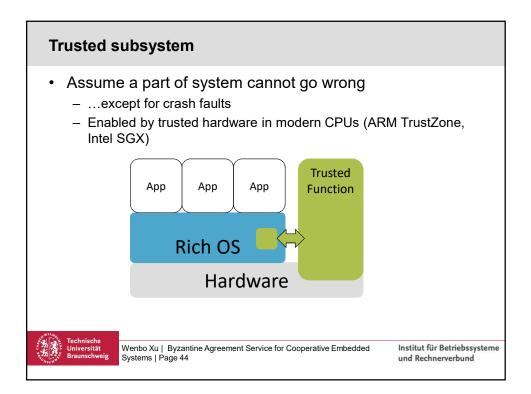


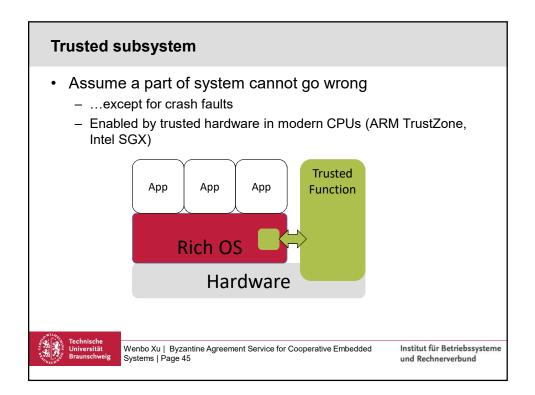


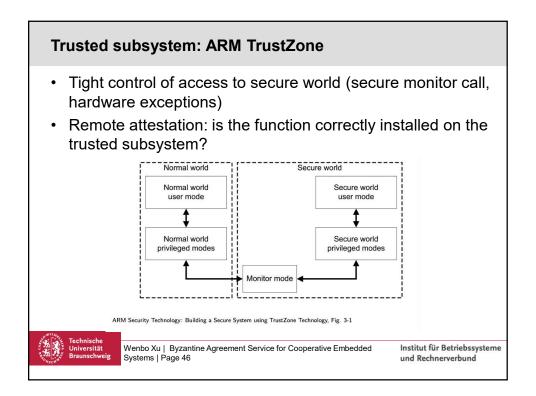


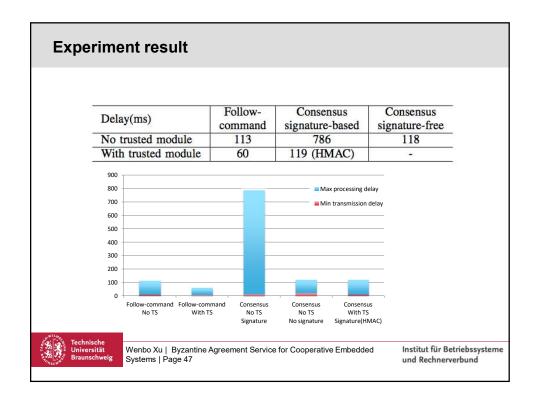


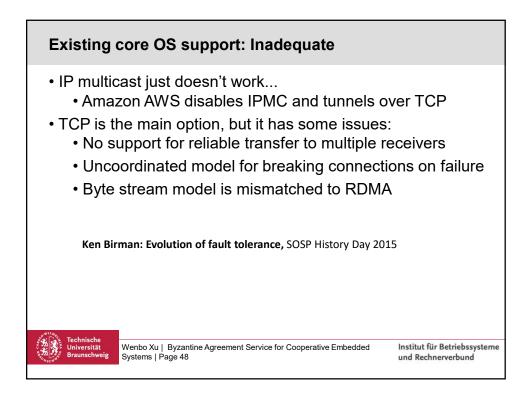


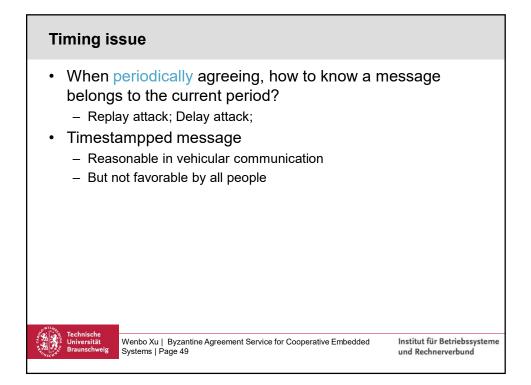


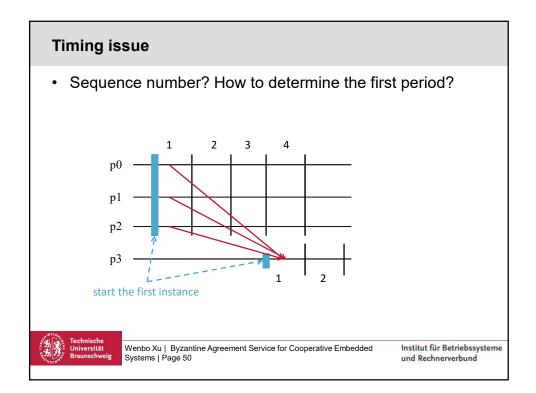














- Sequence number? How to determine the first period?
- Ask the others for a calibration?

