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Research Topic:

Accountability for Cyber-Physical Systems

Premise:

- I. Interconnected **Cyber-Physical Systems** (CPS) will exhibit **unintended behavior** (good or bad).
- II. There exist mechanisms to (partially) **understand** (debug) such systems. Example: Logging

Core Questions:

- I. What do these mechanisms have in **common**?
- II. How can such mechanisms be **interconnected**?
- III. How should such mechanisms be **designed**?



Topics for Discussion

- How is logging and failure analysis done in your (distributed) systems?
- Do you consider any legal or regulatory requirements (e.g. data protection or mandatory data retention)?
- Do you have to fulfill any safety or security requirements and if so how?
- How to connect all those CPS/IoT devices to each other and the wider internet?