

# TRANSITIONING CPS SECURITY TO PRACTICE

---

- Industry interest
  - Closed systems, security by obscurity (more than IT)
    - We don't know the real system
  - Lack of attacks or nation state attacks (how to invest for this adversary model? how much do they gain?)
- Theory (Control) vs. Practice (Security)
  - No recognition for work in the middle
- Privacy
- Women and Underrepresented minorities

# HOW CAN NSF CPS HELP?

---

- Funding support for:
  - Tools (CPS-VO), help developers in design of secure systems
  - Industry collaborations
  - Journal Special Issue focusing on “proofs of concept”
    - Future Conference focused on practical security?
  - Women and underrepresented minorities support
  - TTP core program?
  - Kali Linux for CPS?
  - Composable security
  - Be prepared for attacks
    - Response, proactive allocation of resources, risk