

Mosse - Intrusion Detection

- Introduce the idea of the priority queue
  - ↳ Reduce training cost → keep good performance
- Cray-hole attack → only some msgs intercepted
  - ↳ Black-hole attack all goes away
- Greg → "Living off the Land" 

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(Volt Typhoon)
- FI score vs False Positive Rate 

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 - Cunningham

Babay - Intrusion Tolerance

- Today → Twin or triplicate SCADA systems
- Tomorrow → Different SCADA sys (dif code / machines) Cyber and digital?
- Digital twin demo → when control goes to digital twin is that open loop? ~~Is~~ What's the con? why use a PLC at all then?

Peng - Detection / Tolerance of Backdoor Attacks

- LLMs to interpret logs for anomaly detection
  - "Kook am I getting hacked?"
- Vulnerabilities mentioned
  - Query ~~Personality~~ Manipulation
  - Database Poisoning

Ding (Jenny) - Secure / Efficient Energy Management for Distributed Energy

- EV chargers will have a significant effect on grid loading
- Theft from meters can have severe impact on actual grid loading. → hard to identify malicious data.
- They made a simulation.