

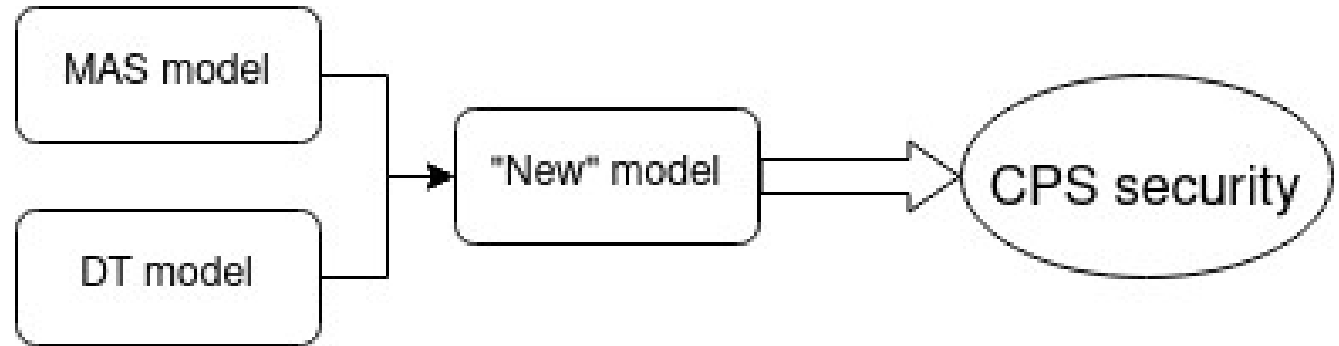
Meeting IESE/LCIS

My project

MAS: Multi-Agent System

DT: Digital Twin

CPS: Cyber-Physical System



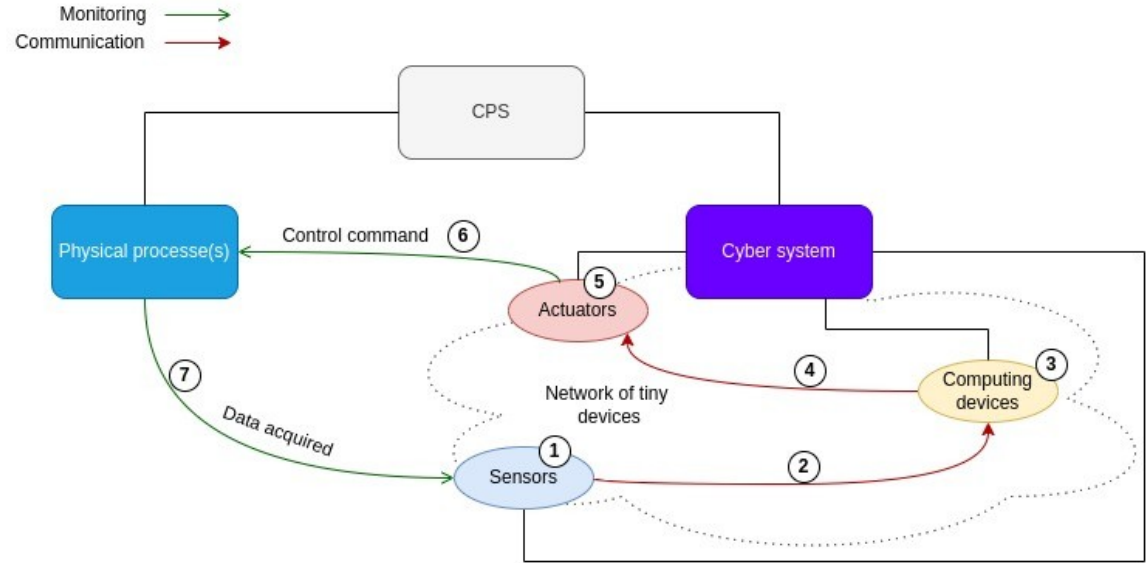
What I did until now

- **KTH assignments**
 - Pre-study library
 - Individual plan
 - Start of pre-study
- **SOTA plan**
- **Start of CPS vulnerabilities gathering**
- **Model ideas gathering**

CPS vulnerabilities

E. K. Wang, Y. Ye, X. Xu, S. M. Yiu, L. C. K. Hui and K. P. Chow, "Security Issues and Challenges for Cyber Physical System," 2010 IEEE/ACM Int'l Conference on Green Computing and Communications & Int'l Conference on Cyber, Physical and Social Computing, 2010, pp. 733-738, doi: 10.1109/GreenCom-CPSCoM.2010.36.

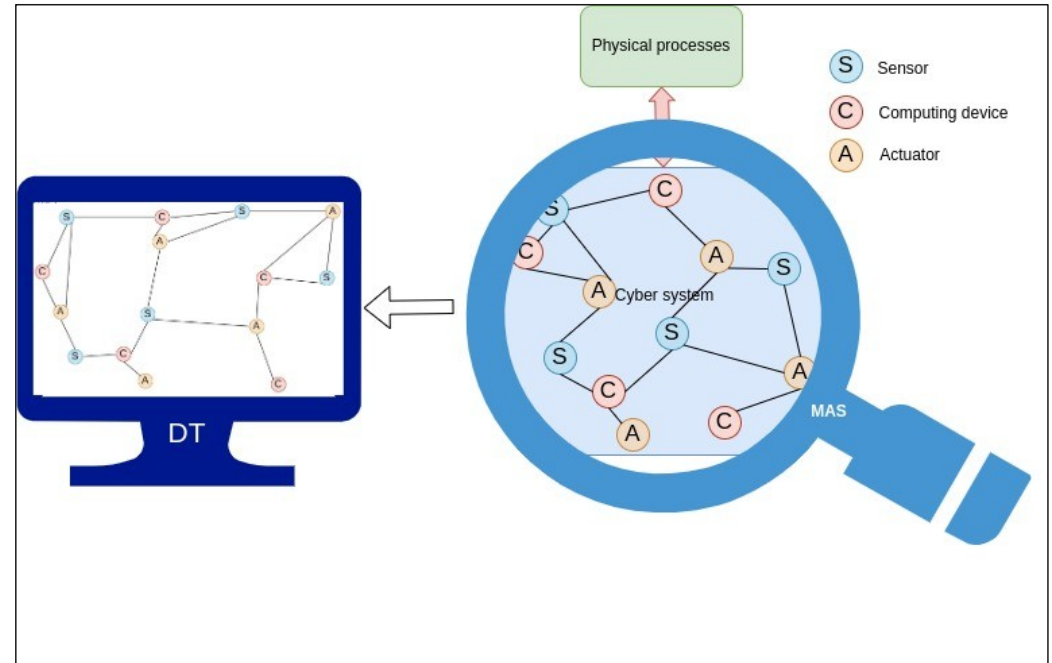
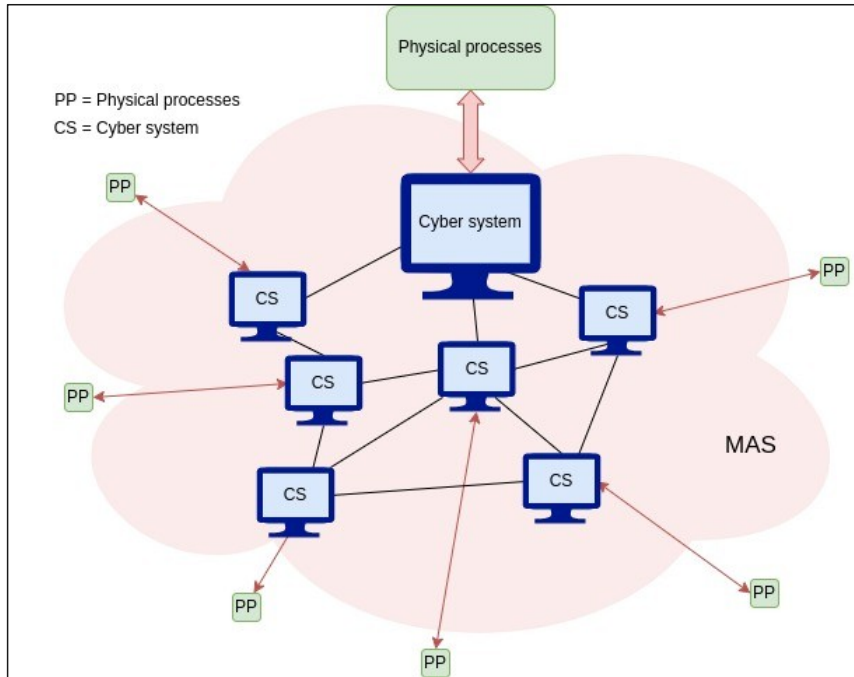
URL:
<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5724910&isnumber=5724803>



Ce qui est exploitable/ce qui est vulnérable ?

- 1: Side channel attacks, Fault injections
- 2: MITM attack, (DoS attack), eavesdropping
- 3: DoS attack, Malware
- 4: MITM attack, eavesdropping, (DoS attack)
- 5: DoS attack
- 6: MITM attack, eavesdropping
- 7: MITM attack, eavesdropping

Ideas



Ideas

