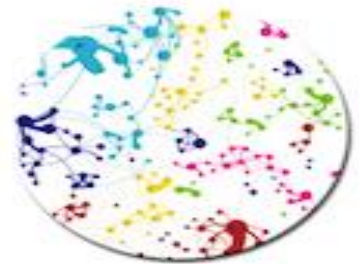




CNRS - INP - UT3 - UT1 - UT2J

Institut de Recherche en Informatique de Toulouse



IoT Security Challenges in Industry 4.0 and CPS

Afonso Ferreira

CNRS

Afonso.Ferreira@irit.fr

- Physical interfaces - Industrial Control Systems
- Legacy systems
- This is coming to a smart-something near you:
 - [“Smart” car theft](#) & [Jeep hacking](#) [1:08; 4:39]
- Safety-critical IT systems - the new kid on the IoT block
- The disappearing human in the control loop
- Data and Artificial Intelligence
- GDPR is indeed watching you
- By design
- Resilience - Fail-safe
- Trust and Risk



CNRS - INP - UT3 - UT1 - UT2J

Institut de Recherche en Informatique de Toulouse



Thanks !

Afonso.Ferreira@irit.fr