





# LabCyber, a lab for open security projects

Pass the SALT July 1st 2025, 15h20-15h40















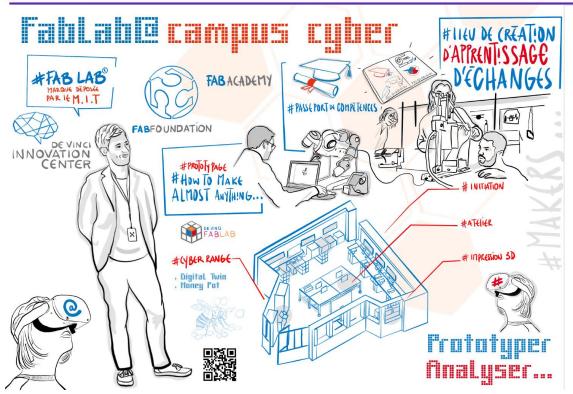












Enriched by various stakeholder communities suggestions





















# LabCyber, a system in place

















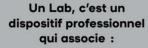
#### 1.1 - UN LAB EST UN SYSTÈME

#### une équipe permanente

généralement légère, en moyenne de 5 personnes pour les grandes organisations



l'ancrage et la matérialisation dans un lieu spécifique, adapté à la facilitation de productions collectives, flexible et souvent frugal



#### un écosystème large et ouvert

tous les services ou directions dans l'organisation, des clients et usagers, des partenaires externes, une communauté d'experts, de designers, de facilitateurs...

#### des méthodes

un Lab se caractérise par des méthodologies de travail différentes que celles habituellement utilisées dans l'organisation















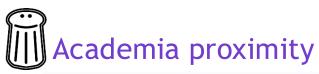
















## Organically

- As contractors of the PTCC (FabLab as a Service -FaaS)
- As part of IFT team (DVHE)
- As Campus Cyber members





















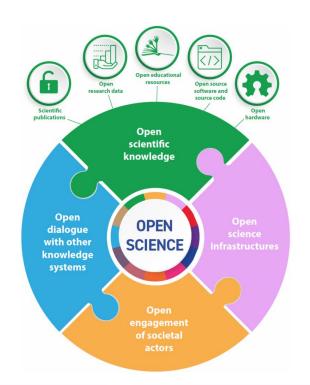


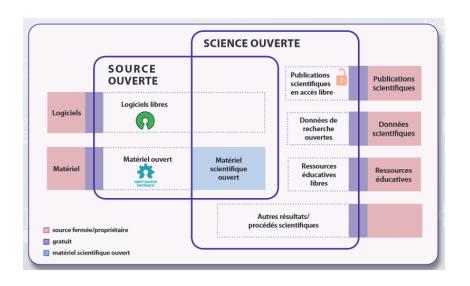












https://www.unesco.org/en/open-science





















## Le LabCyber, a highly skilled team





Fabien Caura

Electronics FPGA afficionado



Aline Becq

Digital prototyping

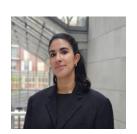
Human network believer

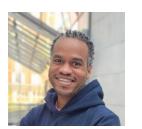




Anaïs Moussouni

Forensics PhD Diversity advocate





Gaël Musquet

Vehicule hacking Crisis mitigator





















# Le LabCyber, a specialized FabLab





- Fablab basics
- "Cyber" Equipment ;-)











**Fabrication** 

**Analysis** 

Simulation

Pentest

**Forensics** 

























- Wireless/RFID/Smartcard communication sniffing (RF shield, SDR, ...)
- Injecting faults (Voltage and clock glitch, EM...)
- Reverse engineering (Firmware extraction)
- Digital investigation (Chip extraction)
- Conducting preliminary pentest campaign





























- Collaborative projects examples
  - o **P4S**
  - **CANary**
  - Working group on drones security
- Eligibility
  - Affiliated to CampusCyber
  - Contribute



































### Websites

https://labcyber.ptcc.fr

https://ptcc.fr

Mail 🔯

labcyber@ptcc.fr

Discord

LabCyber\_PTCC







PTCC : Programme de Transfert au Campus Cyber

Sécurité informatique et des réseaux Puteaux, Île-de-France



















## Conclusion





- Committed facilitator of the raising OHW security community in a software world
- Broad spectrum
- A physical node to make the /OW combination a reality





















