



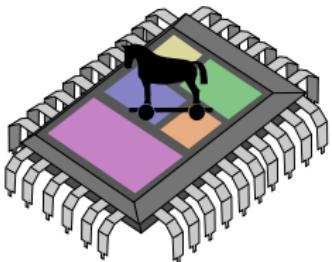
# MOOSIC : Multi-Objective Optimised Synthesis to Improve Cybersecurity

Roselyne Chotin, Sophie Dupuis, Marie-Lise Flottes,  
Quang-Linh Nguyen, Lilia Zaourar, Sylvain Guilley, Xuan Thuy  
Ngo, Philippe Nguyen, Adrien Facon

RESSI 2019 - 17 mai 2019



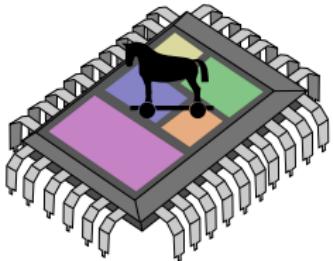
# Chevaux de Troie matériels



## Changement de fonctionnalité

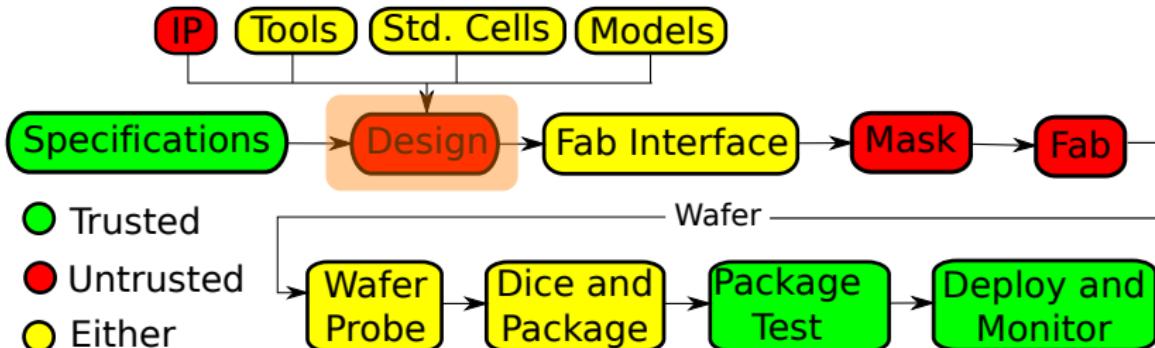
- Fuite d'informations
- Deni de service
- Diminution de la fiabilité

# Chevaux de Troie matériels



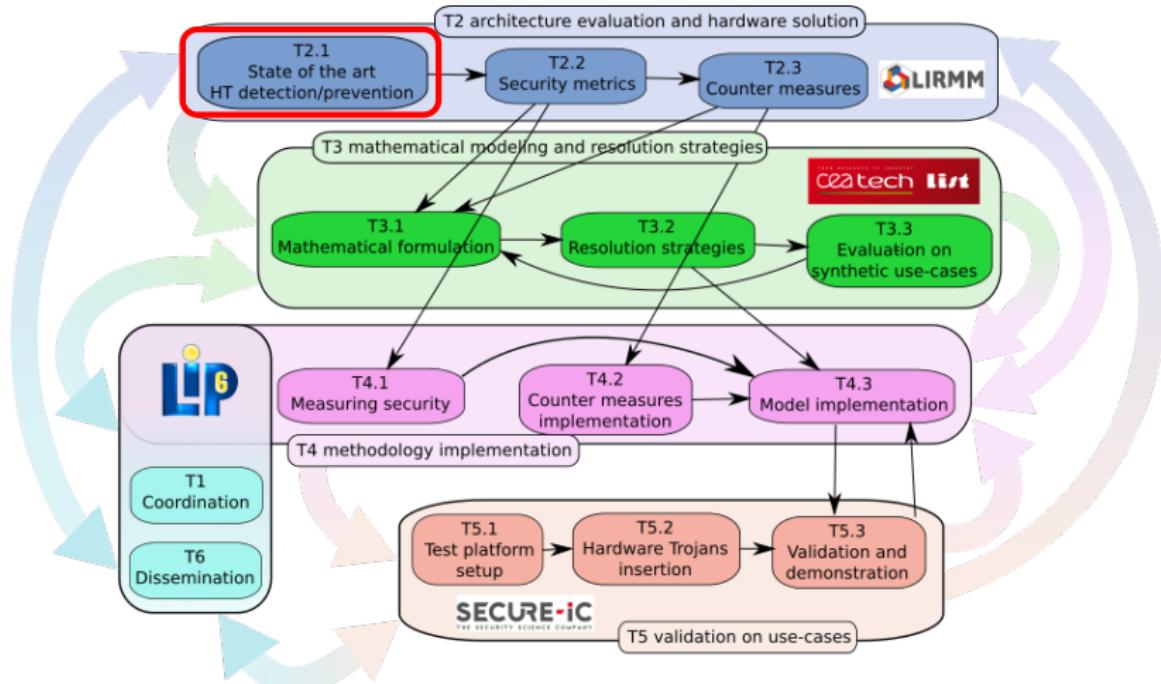
## Changement de fonctionnalité

- Fuite d'informations
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- Diminution de la fiabilité



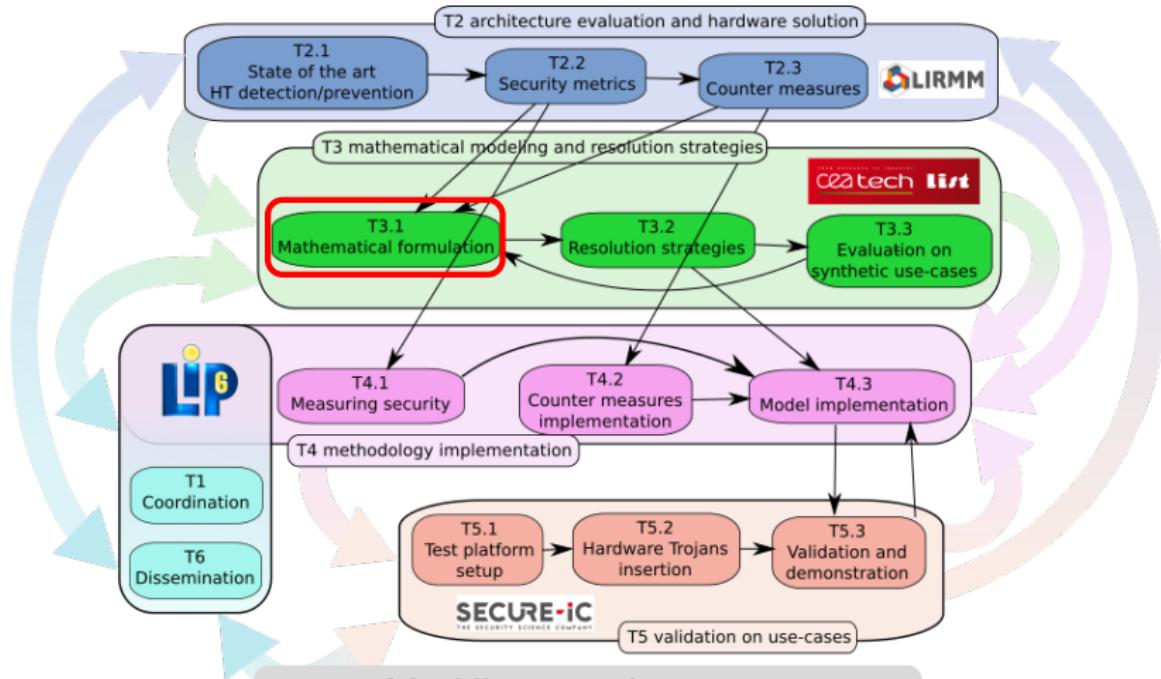
Source : Mentor

# Travaux prévus



Techniques de *logic locking*

# Travaux prévus

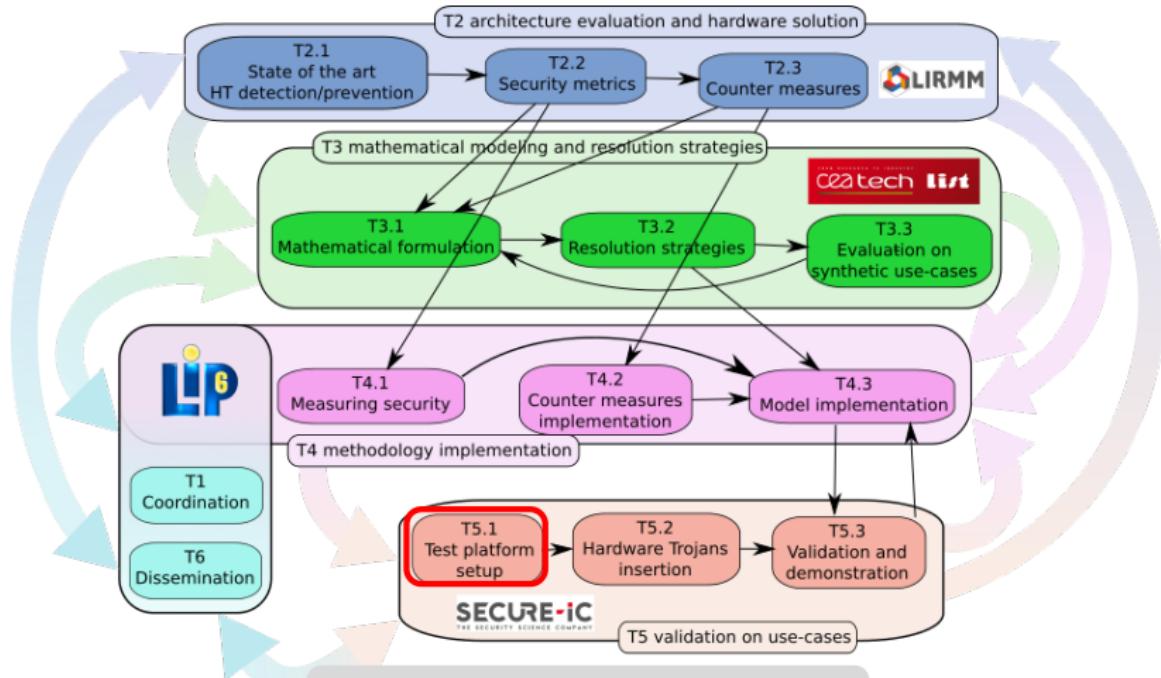


Modélisation de circuits  
Allocation d'opérateurs arithmétiques

Roselyne CHOTIN

MOOSIC : Multi-Objective Optimised Synthesis to Improve Cybersecurity

# Travaux prévus



Plateforme RISC-V : PicoRV32  
Injection de Chevaux de Troie

Roselyne CHOTIN

MOOSIC : Multi-Objective Optimised Synthesis to Improve Cybersecurity

# Partenariat

SECURE+IC  
THE SECURITY SCIENCE COMPANY

Connaissance  
du terrain

# Partenariat

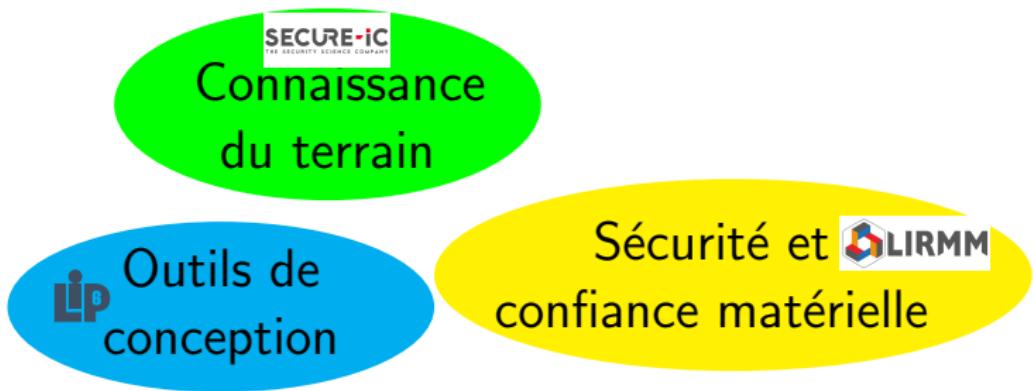


Connaissance  
du terrain

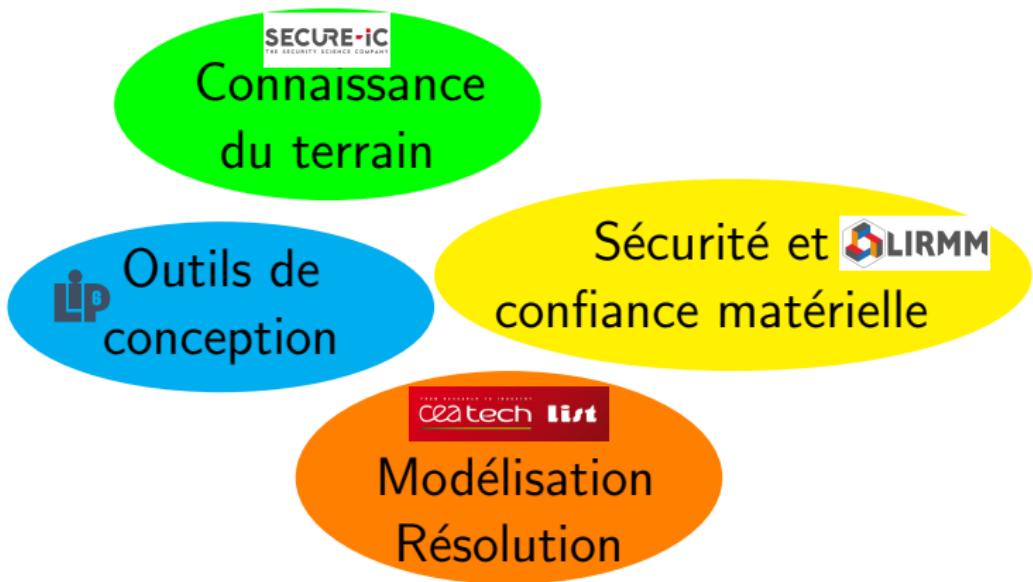


Sécurité et  
confiance matérielle

# Partenariat



# Partenariat



# Partenariat

