**Write a pattern for:**

TPM

Kerberos protocol

X509 Certificates

TOCTOU

DB Encryption

Secure microvisor

Cryptography-based authentication

Security kernel as a special case of Ref Monitor (Schell)

Secure microservices

Patterns in Mobile and browser OSs

**Write a misuse pattern for:**

CSRF

Enumerate threats in some type of CPS

**Reference architectures for:**

UML Model for OpenStack architecture (RA)

Composition of reference architectures

Validation of RAs and patterns

Blockchain architecture

Security Drone RA

Define an architecture for Security SLAs in clouds

**Distributed systems:**

At what stage we must start to design a secure system? Analysis? Domain? Business layers? Is the earlier, the better? Does this optimize also the cost?

Define a new structure to describe incidents as opposed to misuse patterns

Are SecOps secure?

Threat modeling: compare DFDs, attack trees, misuse patterns, misuse cases

Combine attack surface with arguments and pattern-based evaluation of security

Insecure interactions in distributed systems