



Direzione Ricerca,
Innovazione e
Internazionalizzazione

**UNIVERSITÀ
DI TORINO**

ID

VP_103_INF

Visiting Professor Program Academic Year 2025/2026

TEACHING COMMITMENT: 18 hours

COURSE TITLE

Confidential Computing, Complementi di Reti e Sicurezza

TEACHING PERIOD

I semester

SCIENTIFIC AREA

Computer Science

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The concept of confidential computing is essential for several security and access management operations. In particular, it is the basis for the secure generation and storing of user credentials. This may also be relevant in PAM applications (Privileged Access Management) when multiparty computations are needed and access to protected information is distributed among different users. The course will define the concept of confidential computing, addressing TEE environments (Trusted execution environments) and will address its applications in Identity and Access Management.

LEARNING OBJECTIVES

- Understand the concept of confidential computing;
- survey TEE environments;
- analyze IAM applications.

OTHER ACTIVITIES BESIDE THE COURSE

PhD students will be invited to follow the course.

VISITING PROFESSOR PROFILE

The ideal candidate should have competence in cybersecurity, identity and access management, confidential computing and TEE environments, and data analytics. He/she should also have significant teaching and organizational experience in recognized universities.

CONTACT REFERENT

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