# ‹ESCAPE›
## EXPLAIN CYBERSECURITY WITH AN APERITIF

# Mitigating Threats in a Cyber-Physical World: Difficult Problems and Research Challenges

*14th SEMINAR*

## OCT 07

**5.30** pm

**Aula R1**
Politecnico di Torino

## Emil Lupu

Full professor of Computer Systems in the Department of Computing at Imperial College London where he leads the Resilient Information Systems Security Group (www.rissgroup.org).
He is also co-director of RITICS: the Research Institute in Trustworthy Inter-Connected Cyber-Physical Systems (www.ritics.org). His research focuses on the resilience and security of cyber-physical systems including large scale infrastructures as well as embedded and autonomous systems. His research covers system resilience evaluation, security–safety integration, and algorithms for detecting malicious data injections and assessing sensor infrastructure robustness. He also studies attacks and defenses on ML models in centralized and federated environments.

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