



Politecnico
di Torino



Department of Electronics and
Telecommunications



DET TALKS



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*Dynamic Distributed Computing
for Autonomous Vehicles*



INFO

26 June 2024, 11:00 AM
Sala Maxwell, DET
coffee break after the talk

ABSTRACT

Neural networks are becoming a central component of a broad range of applications. However, the complexity of the tasks, the diversity of operating contexts, as well as channel and computing resource scarcity challenge the effective deployment of neural models in many relevant scenarios.

In this talk, I will provide an overview of the techniques and frameworks that my research group developed to allow flexible, efficient and resilient distributed neural computing for robotic perception and autonomous navigation. Our approaches deeply integrate system and machine learning to obtain practical solutions deployable on real-world hardware platforms and applications.