Vittorio Di Tomaso

With a degree in Philosophy of Language from the University of Turin in 1994, he completed an advanced course in General Linguistics at the Scuola Normale Superiore in Pisa. His academic career includes time as a visiting researcher at Brandeis University in Waltham, Massachusetts, and teaching roles at the University of Eastern Piedmont, the Free University of Bolzano, and the University of Turin. He has authored scientific publications both in Italy and internationally, focusing on natural language processing and artificial intelligence. A first-generation entrepreneur, he co-founded, served as president, and acted as CEO of CELI - Language Technology. In 2021, the incorporation of a CELI into H-FARM ecosystem led to the creation of MAIZE, now part of JAKALA group. In 2021, he was elected President of the ICT Companies Group of the Industrial Union of Turin, a territorial association within the Confindustria system.

📅 8th January

🕐 11:30 - 13:00

📍 Room 9S

Linguistic Foundations of LLMs

He will explore the multidisciplinary field of computational linguistics, which integrates linguistics, computer science, and artificial intelligence to analyze and process human language. Starting from the historical evolution of the field, from its roots in symbolic rule-based approaches to the rise of machine learning and neural networks, to the advent of LLM. He will discuss key applications, including natural language processing, machine translation, speech recognition, and conversational AI systems, emphasizing their impact on technology and society.

JAKALA
TOGETHER TO GET THERE

Politecnico di Torino
1859