POLITECNICO DI TORINO

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Maxwell Room DET
Corso Castelfidardo, 39, Torino

Vittorio Di Tomaso

CELI - Language technology

Is Natural Language Processing the Holy Grail of Artificial Intelligence?

ABSTRACT

Natural language processing (NLP) is a crucial part of artificial intelligence and one of the most important technologies of the information age. Applications of NLP are everywhere, because people communicate almost everything in language: web search, advertising, emails, customer service, language translation, virtual agents, medical reports, etc. In this seminar we will discuss how, in recent years, Deep Learning approaches have obtained very high performance across many different NLP tasks and we will concentrate on the open points and the challenges for the field.

BIOGRAPHY

Vittorio Di Tomaso is the co-founder and CEO of CELI - Language technology, a Turin based company specialised in Natural Language Processing and Artificial Intelligence. Vittorio is also the co-founder of Blogmeter, the leading Italian Social Media Intelligence platform and of Synapta, a startup that provides data and intelligence on public procurement. Since 2017, following the acquisition of CELI by H-FARM SpA, he has led H-FARM's Artificial Intelligence area.
Vittorio has a degree in Philosophy from the University of Torino and has studied at Scuola Normale Superiore di Pisa.
His scientific curriculum includes a period as a visiting researcher at Brandeis University in Waltham, Massachusetts and periods as a professor at the University of Piemonte Orientale, the Free University of Bolzano and the University of Turin. He is the author of scientific publications on the topics of natural language processing, artificial intelligence and social big data.

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