UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

DIPARTIMENTO DI INGEGNERIA ELETTRICA E DELLE TECNOLOGIE DELL'INFORMAZIONE

PHD PROGRAM IN INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING

PHD PROGRAM IN INFORMATION AND COMMUNICATION TECHNOLOGY FOR HEALTH

Seminar announcement
Thursday 02 March 2023, Time: 15.30 – 16.30
Lab 3, Floor 4, DIETI – Via Nuova Agnano, NAPOLI

Prof. Tarry Singh

CEO Real.AI
ACM Program Lead
Co-Founder AI4Health, World Health Organization
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Unleashing the Power of LLMs: A Historical Perspective on Generative AI

Abstract: Large language models (LLMs) have become a crucial tool in the field of AI, offering exciting opportunities for generative AI and natural language processing. As a relatively new technology, the history of LLMs is still being written, with rapid developments and breakthroughs in recent years. While these models have shown remarkable accuracy in generating language, there are still significant challenges to overcome, including the infrastructure cost of running them. OpenAI has played a prominent role in the development of LLMs, with their GPT series being among the most popular models in use today. In this lecture, Tarry will explore the history of LLMs, their applications in generative AI, and the challenges of maintaining their accuracy and reliability while managing the infrastructure cost. Additionally he will also examine OpenAI's role in the development of LLMs, with a particular focus on their GPT models. By understanding the capabilities and limitations of LLMs, we can better appreciate their potential for transforming the field of AI and language processing.

Lecturer short bio: *Tarry Singh, Drs. is Chairman, CEO, and AI Researcher of AI company Real AI Inc and deepkapha.ai Research Lab. Tarry has over 25 years of experience working with data and has advised CxOs of global organizations to set up data-driven organizations from scratch. He speaks regularly at global AI leadership summits worldwide and conducts workshops on a regular basis with his TAs who are currently PhDs in various disciplines such as NLP, Computer Vision, Robotics, and other Artificial Intelligence disciplines. He is a board member at HU University Utrecht for AI/Machine Learning as well as Visiting Faculty for AI at the University of Texas Dallas. Tarry has also been an AI Mentor at Coursera, the world's #2 Specialization according to Inc. Tarry writes in Forbes Magazine about the business impact of AI, he was chosen as the top 10 "LinkedIn Voice for DataScience & Analytics 2018" from 800M professionals worldwide and he has been interviewed by leading press such as Al Jazeera/Associated Press to name a few. Since then, he has consistently being chosen as the leading AI expert alongside Alan Turing AI laureates.*

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