

Deep Learning for Formal Reasoning (T: 50mn + Q: 10mn)

jeudi 12 mai 2022 09:00 (1 heure)

Here I will discuss the frontier of research for formal reasoning via deep neural networks. I will highlight the most recent progress in the area, especially automated theorem proving and automated formalization of natural language text. Also, I will discuss the role of language models, contrastive training, retrieval augmented modeling, and reinforcement learning toward the long-term goal of creating a system that can formalize and verify theories starting from a large natural language corpus.

Orateur: Prof. SZEGEDY, Christian (Google Research)

Classification de Session: Morning chair: Organizer