Date: October 28, 2024

Time: 2 PM

Venue: RM101

Title: Inclusive Language Technologies for All: From India to the World

Abstract:

Recently, Large Language Models (LLMs) have revolutionized the field of Artificial Intelligence, yet their potential to impact billions of lives remains limited due to their inability to support the majority of world's languages. In this talk, I will present our work on developing more language inclusive, equitable and safer multilingual LLMs. I will talk about CALM: a methodology for composing LLMs with more specific LMs to enable new capabilities. I will cover our efforts Vaani on capturing the language landscape of a region and IndicGenBench on creating representative benchmarks in Indic languages. I shall give an overview of research at Google DeepMind India.

Bio:

Dr. Nitish Gupta is a Senior Research Scientist at Google DeepMind India. His research interests are in topics of compositionality and developing modular language models. He completed his PhD at the University of Pennsylvania advised by Prof. Dan Roth. Previously, he received his B.Tech - M.Tech dual degree from the Indian Institute of Technology, Kanpur advised by Prof. Harish Karnick.