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SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS-OT-ML-PDE Seminar (ONLINE)

Title : Resource-efficient Computational Models for Code-switched Speech and Text

Speaker : Preethi Jyothi (IIT Bombay)

Date : Tuesday, 28th November 2023

Time : 04:00 PM (IST)

Abstract : Code-switching, i.e., the linguistic phenomenon of switching between languages within and across sentences, is widely prevalent in multilingual societies. Code-switched inputs pose a serious challenge to existing speech and NLP models. The challenge mainly emerges due to the limited availability of natural code-switched data and the inherent diversity in code-switching. In this talk, we will discuss techniques that aim to effectively address these dual challenges. These techniques will cover how to exploit monolingual speech and text for code-switching, how to generate synthetic and diverse code-switched text to augment real data and how to judiciously use existing real code-switched speech and text in conjunction with other linguistic resources.

Venue : Online: Please click on the below link to join the seminar

<https://us02web.zoom.us/j/81379290349>

Meeting ID: 813 7929 0349