

Seminar

Massively Parallel Algorithms: An Introduction

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We are in the information age, where data is growing rapidly every day. It is estimated that websites like Facebook deal with petabytes of data everyday - data so large that cannot be stored in any RAM storage. This has ushered major research in Massively Parallel Computations (MPC) in recent times. There are several models in which MPC is studied. I will in my talk give a brief overview of the most popular model to study MPC called the Map Reduce model. I will give a few examples where we will see solutions to some famous Computer Science problems like "Connectivity" in the Map Reduce setting.

Thursday, Aug 24th 2017

02:00 PM (Tea/Coffee at 01:45 PM)

Auditorium, TIFR-H (FReT-B)