

SIGML

SPECIAL INTEREST GROUP IN MACHINE LEARNING

Title: eXtreme Machine Learning and Applications

Speaker: Purushottam Kar

Day: September 24, 2015, Thursday

Time: 5:15PM

Venue: RM101 (CSE extension)

Abstract:

In this talk we shall look at an emerging area within machine learning that has been dubbed "eXtreme Learning". eXtreme learning deals with large scale learning problems which offer significant and peculiar challenges in terms of the scale of operations, distribution of data, as well as limits on computation time and storage space. The task of solving these challenges becomes especially lucrative due to the application of these problems in the areas of recommendation systems, anomaly detection etc which have the potential for offering monetary gains, as well as for having social impact.

The talk shall be open ended, deliberately so. No cut and dried solutions will be presented and instead the goal would be to encourage discussion on the problem settings and solution strategies that one may adopt.