

INVITATION TO THE LECTURE

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CONFERENCE ROOM

GENTLE INTRODUCTION TO MATHEMATICAL OPTIMIZATION FOR MACHINE LEARNING

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Machine learning is getting popular in the recent years as a useful tool for big data analysis. Under a hood, it combines statistical methods, linear algebra, and mathematical optimization techniques. In this presentation, we meet with the fundamentals of the last one. Particularly, we will go on to highlight the formulations of optimization problems related to standardly used machine learning techniques and the ways to parallel computation approaches. As icing on the cake, ongoing teamwork on extensive data applications will point out at the end of the presentation.