Title	Scalable Predictive Analysis leveraging Big Data with GPU		
Speaker Name	Jongwook Woo	Date	July 2 2021 (Friday)

Abstract

Big Data has been popular last 10 years using Hadoop and Spark for data analysis and prediction with large scale data sets in distributed parallel computing systems. And, Deep Learning has become a buzzword past several years using GPU. It makes even small companies and labs to own supercomputers with a small amount of budgets, which is the situation of "Dream Comes True" in the IT and business. In this talk, the history and trends of Big Data and AI platforms are introduced. Then, the gap between Big Data and Deep Learning communities is presented. The talk also illustrates the approaches to leverage Big Data cluster using GPU and as distributed computing systems with GPU for Deep Learning.