日程：2012年 9月 10日（月）・11日（火）・13日(木) 15：00〜16：40
場所：臨海副都心センター別館8階コラボレーションコーナー
講演者/発表者：Koji TSUDA (Machine Learning Group)

タイトル
Graph Mining

概要
Labeled graphs are general and powerful data structures that can be used to represent diverse kinds of objects such as XML code, chemical compounds, proteins, and RNAs. In these 10 years, we saw significant progress in statistical learning algorithms for graph data, such as supervised classification, clustering and dimensionality reduction. Graph kernels and graph mining have been the main driving force of such innovations. In this lecture, I start from basics of the two techniques and cover several important algorithms in learning from graphs. Successful biological applications are featured. If time allows, I will also cover recent developments and show future directions.

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