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**Title: Multi-view Learning and Clustering on Big Data**

**Abstract:** Real-world datasets often have representations in multiple views or come from multiple sources. Then multi-view learning and clustering have gradually become hot issues in machine learning research. However, many existing methods are not yet adapted to the challenges of big data, which is much more complicated than ever before with multi-view characteristics. By exploiting the complementary and consistency information from multi-view data, the multi-view clustering aims to get better clustering quality rather than rely on the individual view. The main challenge is how to integrate this information and give a compatible clustering solution across multiple views. In this talk, I will discuss multi-view learning and

clustering, and also give several examples of mining big data being conducted in my research group.