

Tutorial Speaker: Prof Yan Yang, Southwest Jiaotong University, China

Title: Multi-view Clustering Ensemble and Its Applications in Big Data

Abstract: Along the advance of information technology it becomes fast and cheap to collect and store massive and complex data from public sources. Big data presents new challenges to computer scientists in multiple aspects such processing, mining and understanding data. The multi-view clustering and clustering ensemble methods have gradually become hot issues in machine learning research. The traditional clustering algorithms are not yet adapted to the challenges of big data, which is much more complicated than ever before with multi-view characteristics. In this talk, I will discuss multi-view learning, semi-supervised clustering, clustering ensemble, and multi-view clustering ensemble. I will also give several examples of mining big data being conducted in my research group.

Keynote Speaker:



Dr. Yan Yang is currently Professor and vice dean of Information Science and Technology, Southwest Jiaotong University. She worked as a visiting scholar at the Center of Pattern Analysis and Machine Intelligence (CPAMI) in Waterloo University of Canada for one and half year. She is an Academic and Technical Leader Candidate of Sichuan Province. She has participated in more than 10 high-level projects recently, such as five programs supported by the National Natural Science Foundation of China (NSFC). Prof. Yang has authored and co-authored over 100 papers in journals and international conference proceedings, 1 proceeding and 1 special issues of international journal. She also serves as the Vice Chair of ACM Chengdu Chapter, Member of IEEE-CS, Senior Member of CCF and CAI, Member of CCF Education Work Committee and Deputy Secretary General of Sichuan Province Computer Society.