

Modeling and Measuring Signed Networks

**Wednesday
November 8, 2017**

12:30-1:30pm

384 iCeNSA
(conference room)

Network modeling and measuring are two fundamental tasks for social network analysis. The majority of existing efforts have focused on unsigned networks (or networks with only positive links). However, in many real-world social systems, relations between two nodes can be represented as signed networks with positive and negative links, where negative links can denote their foes, distrust, or "unfriended" friends and blocked users. It is evident that the key properties and principles in signed networks are distinct from those of unsigned networks. Hence, dedicated efforts are desired for signed networks. In this talk, we will discuss our recent work on signed generative network models and signed node relevance measurements. Both works suggest great opportunities in this new research subfield.

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