

Presentation title: Visualising and analysing massive networks

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Abstract

Recent technological advances have led to massive complex network models in many domains, including social networks, biological networks and webgraphs. Visualisation can be an effective analysis tool for such networks. Good visualisation reveals the hidden structure of the networks and amplifies human understanding, thus leading to new insights, new findings and new hypothesis. However, visualisation of massive complex networks is very challenging due to scalability and complexity.

This talk will address the challenging issues for visual analysis of massive complex biological networks, and review latest methods for effective and efficient visual analysis of such networks. In particular, integration of good analysis method with good visualisation method will be the key approach to solve the research challenge.