

EVOLVING SOCIAL NETWORKS: TRAJECTORIES OF COMMUNITIES

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In recent years we witnessed an impressive advance in the social networks field, which became a "hot" topic and a focus of considerable attention. The development of methods that focus on the analysis and understanding of the evolution of data are gaining momentum. The need for describing and understanding the behaviour of a given phenomenon over time led to the emergence of new frameworks and methods focused in temporal evolution of data and models. In this talk we discuss the research opportunities opened in analysing evolving data and present examples from mining the evolution of clusters and communities in social networks.