



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session: Social network analysis and mining

Name, Title and Affiliation of Chair:

Dr. Clara Pizzuti
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Details of Session (including aim and scope):

The fast development and spread of social media in the last few years has allowed millions of people to share and exchange information, and originated a deluge of user-generated contents, different from traditional data, that need new computational approaches for representing, analyzing, and extracting useful pattern from them. The availability of huge network-structured data, such as social, citation, mobile, terrorism, gene/protein/metabolic networks provides great opportunities to understand complex systems and the evolution of their behaviour when the time component is present.

This session aims to bring together researchers and practitioners from social network and media analysis and mining to provide a forum for discussion on new research directions and applications in this fields.

Topics of interest include, but are not limited to:

- Community structure analysis and detection in social networks;
- Evolution and dynamics of social networks;
- Temporal analysis of networks;
- Applications of social network and media analysis and mining;
- Propagation and diffusion of information in complex networks;
- Modeling and analysis of multidimensional, multimode, and temporal networks;
- Anomaly detection in networks;
- Link prediction;
- Modelling of user behaviour and interaction;
- Privacy and security in social networks;
- Visual representation of dynamic social networks.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Tbn

Website URL of Call for Papers (if any):

Email & Contact Details:

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