

Special Session in NAFIPS'2016 North American Fuzzy Information Processing Society: High Level Fuzzy Social Networks and Social Media

NAFIPS'2016

October 31 - November 4, 2016

El Paso, Texas

As the premier fuzzy society in North America established in 1981, NAFIPS's purpose is to help guide and encourage the development of fuzzy sets and related technologies for the benefit of mankind.



Dear Academician, Researcher, and professionals

We invite you to submit your paper in special session about [High Level Fuzzy Social Networks and Social Media](#) for NAFIPS'2016 North American Fuzzy Information Processing Society. The objective of this invitation is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in fuzzy social network analysis. The conference will be held in October 31- November 4, 2016- El Paso, Texas.

The main focus of this session is on Social Networks Analysis. Nowadays, social networks analysis is one of the main research subjects in computational intelligence, computer science, and sociology. Its importance is growing every day with expansion of social media, networks, and technological advancement.

Social networks, especially those one that have typical and non-commercial applications, are places in the virtual world that introduce their people briefly and provide possibility of communication between themselves and their adherents in the various interest areas. Obviously, virtual social networks will become more important and popular in the future. With social networks, persons are not alone to find their adherents in various cases.

Determining and predicting communications within a network is the main interest of social networks scientists and researchers. In the real world social networks, the communications are not usually defined crisply. In other words, the human communications usually encounters with imprecision and vagueness. Fuzzy theory, specially type-2 fuzzy logic, is very powerful approach to model social networks and analysis different ties (strong or weak) between nodes of the graphs. Regarding the increasing need for developing fuzzy topics in Social networks, this session welcomes the researchers and papers in the area of theory and applications of fuzzy theory (type-1 and type-2) in Social networks.

The topics of this session include but are not limited to the following areas:

- Type-1 and type-2 fuzzy techniques for the decentralizing online social networks
- Associating human-centered concepts with social networks using Fuzzy sets
- Fuzzy node centrality in social network
- Understanding and predicting human behavior for social communities with Fuzzy methods

- Fuzzy group central potential in social network
- Fuzzy data mining for fuzzy social network analysis
- The closeness centrality analysis of fuzzy social network
- Fuzzy classification methods for detecting communities in social networks
- Fuzzy clustering methods for detecting communities in social networks
- Application of Fuzzy theory in social networks
- Dynamic social network communities using fuzzy methods
- Positional analysis in fuzzy social networks
- Role assignment in fuzzy social network
- Fuzzy techniques for discovering communities from social networks: methodologies and applications
- Fuzzy relations in social network analysis: optimization and consensus evaluation

Important Dates

Paper Submission Deadline: 14 May 2016

NAFIPS' 2016: October 31- November 4

Submission Information

Paper submissions are handled on-line through the NAFIPS' 2016 system:

<http://nafips.cs.utep.edu/submission.html> or the following email addresses:

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Best Regards,

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