Call for Papers

In the last decade, there has been an explosive growth of research on practical complex networks, a theme that is becoming pervasive in many disciplines, ranging from mathematics and computer science to the social and biological sciences. Typical structures in reality include internet topologies, web graphs, peer-to-peer networks, biological networks, economic networks and most commonly social networks. A lot of research efforts have been made recently towards a deep understanding of real-world social platforms. Computing in social science, as a result, has become one of the central themes across mathematical science, information and communication technology, which attracts significant interest from researchers in mathematics, computer science, system science, and social science. The objective of this conference is to advance and promote the theoretical foundation, mathematical aspects, and applications of social computing.

CSoNet 2015 is inherently interdisciplinary as it attempts to integrate across different disciplines such as social science, computer science, networks science, and mathematics in pursuit of a foundational understanding of computational social networks. The conference welcomes all submissions with focus on common principles, algorithms and tools that govern social network structures/topologies, social interactions, functionalities, security and privacy, network behaviours, information diffusions and influence, social recommendation systems which are applicable to all types of social networks and social media. There are two submission types (in LNCS format):

+ Full Paper (up to 12 pages)
+ Short Paper (up to 8 pages)
+ Extended Abstract (up to 2 pages)

Topics of interest include (but are not limited to) the following

+ Real-world complex networks
+ Social network design and architecture
+ Mathematical modeling and analysis of real-world social platforms
+ Information retrieval in social contexts, political analysts
+ Community structure detection and analysis
+ Network dynamics optimization
+ Information diffusion models
+ Security and privacy in online social networks
+ Efficient algorithms for social computing
+ Social trends and network behaviors
+ Reputation and trust issues in social media
+ Social influence, recommendation and media
+ Big data analysis on online social networks
+ Applications of complex social network analysis
All accepted papers will be published in LNCS. Selected papers can be invited to publish in special issues of Journal of Combinatorial Optimization (ISI) and Computational Social Networks (Springer).

**Important Dates**
- Paper submission due: **Apr 12th 2015 (11:59pm EST)**.
- Notification of Acceptance: May 3rd 2015.
- Camera-ready and Registration: May 24th 2015.

**Steering Committee**
- My T. Thai, University of Florida, USA (Chair)
- Zhi-Li Zhang, University of Minnesota, USA
- Weili Wu, University of Texas - Dallas, USA

**TPC Chairs**
- Nam P. Nguyen, Towson University, USA
- Huawei Shen, Chinese Academy of Science, China