

Call for Papers and Participation

Now we are living in an interconnected world where most of the data, informational objects, agents, or components are interconnected or interact with each other - forming gigantic and sophisticated information networks. Most real-world applications based on information networks can be structured into heterogeneous information networks that include different types of objects or links. Recent works on heterogeneous information network analysis and its applications have led to a convergence of methodologies for network modeling, graph mining, linking analysis, data semantics mining, and incorporating classification, learning and reasoning with graphical models.

The 3rd Workshop of Heterogeneous Information Network Analysis and Applications(HENA2019)

HENA Important Dates

- Papers due
 - **Aug. 8, 2019**
- Notification of acceptance
 - **Aug. 24, 2019**
- Camera ready copy due
 - **Aug. 31, 2019**
- Workshop Date
 - **TBD**

<http://cikm2019.net/>



Active research areas that are relevant to heterogeneous information networks include:

- Heterogeneous information network construction from complex data;
- Semantic mining on heterogeneous information networks;
- Data mining methods for heterogeneous information networks;
- Network embedding, especially for heterogeneous network;
- Information diffusion and behavioural modelling on heterogeneous networks;
- Data mining based on knowledge graphs;
- Community detection and evolution of network;
- Parallel computing for information network analysis;
- Network analysis applications for e-commerce, text, security, software engineering, etc.

The emphasis of this workshop shall be analysis approaches and applications based on heterogeneous information networks extracted from heterogeneous sources such as technical literature, news articles, social network profile data, and social media. However, the scope is not limited to any particular approach to link analysis or any source of network information such as text corpora. This workshop shall help to bring together people from these different areas and provide an opportunity for researchers and practitioners to share new techniques for identifying and analyzing relationships in networks that integrate multiple types or sources of information.

Submissions

All papers should follow the CIKM paper formatting guidelines ([located here](#)). We welcome both full and short papers. Full papers should be 6 pages in length, whereas short papers should be 4 pages. As described above, both research and application papers in a relevant area are welcome. Please use the following link for submissions: <https://easychair.org/my/conference?conf=hena2019>

Organizing Committee

Chuan Shi –Professor, -Beijing University of Posts and Telecommunications

Yanfang (Fanny) Ye – Associate Professor, Case Western Reserve University

Jiawei Zhang – Assistant Professor, Florida State University