

Qing Bao

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EDUCATION **Hong Kong Baptist University**, Kowloon Tong, Hong Kong
Ph.D. , Computer Science, Sept 2011 - Sept 2016
• Advisors: Dr. William K. Cheung (Principal) and Prof. Jiming Liu
East China Normal University, ShangHai, China
B.S., Computer Science, Sept 2007 - June 2011

RESEARCH INTERESTS Information diffusion in social networks:
I used probabilistic models for modelling diffusion in social networks. Diffusion on social networks refers to the process where opinions are spread via the connected nodes. Given a set of observed information cascades, one can infer the underlying diffusion process for social network analysis.

RESEARCH FUNDINGS

1. Natural Science Foundation of China Grant No. 61806061 (Principle Investigator). Incorporating Structural and Behavior Dependency of Neighbors in Diffusion Models for Social Networks. 2019/01-2021/12.
2. Natural Science Foundation of China Grant No. 61305071 (Co-PI). 2014/01-2016/12.

PUBLICATIONS

1. **Qing Bao**, William K. Cheung, and Jiming Liu. “Inferring Motif-based Diffusion Models for Social Networks.” *in Proceedings of the 25th International Joint Conference on Artificial Intelligence (IJCAI-16)*, New York City, USA, 9-15 Jul, 2016.
2. **Qing Bao**, William K. Cheung, Yu Zhang, and Jiming Liu. “A Component-based Diffusion Model with Structural Diversity for Social Networks.” *IEEE Transactions on Cybernetics*, Vol. 47. No. 4, pp.1078-1089, 2017.
3. **Qing Bao**, William K. Cheung, Jiming Liu, and Yunya Song. “Inferring Latent Co-activation Patterns for Information Diffusion.” *in Proceedings of the 2015 IEEE/WIC/ACM International Conference on Web Intelligence (WI)*, Singapore, 6-9 Dec, 2015.

4. **Qing Bao**, William K. Cheung, and Yu Zhang. “Incorporating Structural Diversity of Neighbors in a Diffusion Model for Social Networks.” in *Proceedings of the 2013 IEEE/WIC/ACM International Conference on Web Intelligence (WI)*, Atlanta, USA, 17-20 Nov, 2013. (**Best student paper award**)

AWARDS

- National Scholarship (2009,2010)
- HKBU postgraduate scholarship (2011-2016)
- Best Student Paper Award of Web Intelligence Conference Nov 2013
- Student Travel Award of Web Intelligence Conference Nov 2013
- Best Presentation Award and Best Collaborative Work in Kyoto University -Hong Kong Baptist University Joint Workshop on Design for Sustainability (D4S): Mobility and Healthcare June 2014

INVITED TALKS

- *Inferring Motif-based Diffusion Models for Social Networks* April 2016
Dept. of Social Informatics, Graduate School of Informatics, Kyoto University
Kyoto, Japan
- *Inferring Motif-based Diffusion Models for Social Networks* Sept 2016
Dept. of Computer Science and Technology, School of Computer Science and Software Engineering, East China Normal University
Shanghai, China