

CURRICULUM VITAE of LIU Jiming

Name: Jiming Liu, IEEE Fellow, PhD (McGill Univ.), MEng, MArts, BSc

Chair Professor in Computer Science, Hong Kong Baptist University (2010 –)

Research interests:

AI and machine learning; Big data analytics; Complex network structure and dynamics; Health informatics

Academic positions:

- Dean, Faculty of Science, Hong Kong Baptist University, Hong Kong (2021 –)
- Director, HKBU-NIPD Joint Research Laboratory for Intelligent Disease Surveillance & Control (2013 –)
- Chair Professor, Department of Computer Science, Hong Kong Baptist University, Hong Kong (2010 –)
- Associate Vice-President (Research), Hong Kong Baptist University, Hong Kong (2017 – 2019)
- Director & PI, Centre for Health Informatics, Hong Kong Baptist University, Hong Kong (2009 – 2020)
- Associate Dean (Research), Faculty of Science, Hong Kong Baptist University, Hong Kong (2011 – 2017)
- Head, Department of Computer Science, Hong Kong Baptist University, Hong Kong (2003 – 2011)
- Full Professor, Department of Computer Science, Hong Kong Baptist University, Hong Kong (2003 – 2010)
- Assistant/Associate Professor (Tenured), Department of Computer Science, Hong Kong Baptist University, Hong Kong (1993 – 2003)
- Visiting Scholar, Stanford AI Lab (SAIL), Department of Computer Science, Stanford University, USA (1999)

Publication records: (over 450 papers; 10 monograph books; ORCID id: 0000-0002-8669-9064)

Section A - Five selected publications in recent five years

1. Q. Tan, Y. Liu, and **J. Liu**, “Demystifying deep learning in predictive spatiotemporal analytics: An information-theoretic framework,” *IEEE Transactions on Neural Networks and Learning Systems*, 2020, doi: 10.1109/TNNLS.2020.3015215
2. H. Pei, B. Yang, **J. Liu**, and K. Chang, “Active surveillance via group sparse Bayesian learning,” *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2020, doi: 10.1109/TPAMI.2020.3023092
3. J. Cui, B. Yang, B. Sun, X. Hu, and **J. Liu**, “Scalable and parallel deep Bayesian optimization on attributed graphs,” *IEEE Transactions on Neural Networks and Learning Systems*, 2020, doi: 10.1109/TNNLS.2020.3027552
4. D. Li and **J. Liu**, “Modeling influence diffusion over signed social networks,” *IEEE Transactions on Knowledge and Data Engineering*, 33(2): 613-625, 2021
5. Q. Cai, S. Alam, and **J. Liu**, “On the robustness of complex systems with multi-partitivity structures under node attacks,” *IEEE Transactions on Control of Network Systems*, 7(1): 106-117, 2020