NAME: Jingshu Chen
POSITION TITLE & INTUITION: Assistant Professor, Oakland University

A. PROFESSIONAL PREPARATION and APPOINTMENTS

- Bachelor in Engineering, Major in Software Engineering, Minor in History, Xiamen University, Xiamen, China. 2004
- Master in Engineering, Major in Computer Science and Technology, Chinese Academy of Sciences, Beijing, China, 2007
- Ph.D. in Computer Science, Michigan State University, US, 2013
- Postdoc in software analysis, INRIA (The French Institute for Research in Computer Science and Automation), France, 2015
- Postdoc in system performance tuning and analysis, Michigan State University, 2016
- ORISE Researcher, Center for Devices and Radiological Health, U.S. Food and Drug Administration, MD, 2017
- Assistant Professor, Oakland University, Rochester, Michigan, 2017-now

B. RELATED PRODUCTs

1) Revisiting a GA based Refinement Approach of Probabilistic Optimization for Stabilization. Lingzhu, Jingshu Chen and Sandeep Kulkarni, Preprint, In submission to Journal of Theoretical Computer Science, 2023.
2) FoReSta: A Formal Recommendation Framework for Stabilization A Systematic Approach of Model Repair for Ensuring Average Recovery with Adversarial Scheduler Jingshu Chen and Sandeep Kulkarni and Mohammad Roohitavaf, Preprint, In Submission to Journal of Formal Aspects of Computing, 2023.
3) Scalable Industrial Control System Fuzzing Using Explainable AI, Justin Kur and Jingshu Chen, In Submission to International Conference on Dependable Systems and Networks, 2023.
4) CREMA: A Configurable Resource Management Recommendation Framework for Cloud Systems, Justin Kur, Jingshu Chen, Qingyang Wang, Ji Xue and Jun Huang, In Submission to IEEE/ACM International Symposium on Quality of Service, 2023.
5) Resolution Matters: Revisiting Prediction-Based Job Co-location in Public Clouds. Justin Kur, Jingshu Chen, Ji Xue and Jun Huang, presented at IEEE/ACM 15th International Conference on Utility and Cloud Computing (UCC) 2022.
6) Electromagnetic Fingerprinting of Memory Heartbeats: System and Applications. Cheng Shen, Jun Huang, Guangyu Sun, Jingshu Chen, published at Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies 6(3): 138:1-138:23 (2022). Presented at UbiComp 2022.
7) The Complexity of Adding Multitolerance.Jingshu Chen, Ali Ebnenasir and Sandeep S. Kulkarni, ACM Transactions on Autonomous and Adaptive Systems (TAAS), 2014.