

## Assistant Professor Yin Li

Macau University of Science and Technology  
Faculty of Innovation Engineering



MD. Supervisor

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### Academic Qualification:

**Ph.D. in Computer Technology and Its Application, Macau University of Science and Technology**

**M.S. in Geographic Information System, CNNC Beijing Research Institute of Uranium Geology**

**B.S. in Remote Sensing Science and Technology, Wuhan University**

### Teaching Area

Numerical Analysis

Pattern Recognition

### Research Area

Petri net, Differential Privacy

### Working Experience

2021 - Present, Assistant Professor, Macau Institute of Systems Engineering, Macau University of Science and Technology

2018 - 2020, Postdoctoral Fellow, Macau Institute of Systems Engineering, Macau University of Science and Technology

### Research Grants

NA

### Representative publications (Complete publication refer to my webpage)

Qin Tao, Dong Yifan, Yin Li, Wu Naiqi, Li Zhiwu, "Liveness Enforcement for Time Petri Nets," in Proceedings of 8th International Conference on Control, Decision and Information Technologies (CoDIT), pp. 1184-1189, 2022

Li Shiqi, Uzam Murat, Yin Li, Zhong Zhaofeng, Zheng Li, Wu Naiqi, "Robust Diagnosability Analysis of Discrete Event Systems Using Labeled Petri Nets," IEEE ACCESS, pp. 163504-163515, 2021

Wang Ya, Yin Li, Zhu Guanghui, "Online Fault Diagnosis of Labeled Petri Nets Based on Reachability Graphs and Topological Sorting," IEEE ACCESS, pp.162363-162372, 2020

Li Yuting, Yin Li, Chen Yufeng, Yu Zhenhua, Wu Naiqi, "Optimal Petri net supervisor synthesis for forbidden state problems using marking mask," INFORMATION SCIENCES, vol. 505, pp. 183-197, 2019

Chen Qinrui, Yin Li, Wu Naiqi, El-Meligy Mohammed A., Sharaf Mohamed Abdel Fattah, Li Zhiwu, "Diagnosability of Vector Discrete-Event Systems Using Predicates," IEEE ACCESS, pp. 147143-147155, 2019

#### Professional Certification and Awards

NA

#### Journal Editorship

NA

#### Personal Website

[NA](#)